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# THE NATIONAL PROVISIONER

The Organ of the Provision and Meat Industries of the United States.

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The machine is a masterpiece of design, showing the use of a special use of refrigerant and valves, of superior strength and workmanship, and a special arrangement of cooling coils, and being a machine of the highest efficiency for the purpose of making perfect frozen meat, and being a machine of the highest efficiency for the purpose of making perfect frozen fruit.

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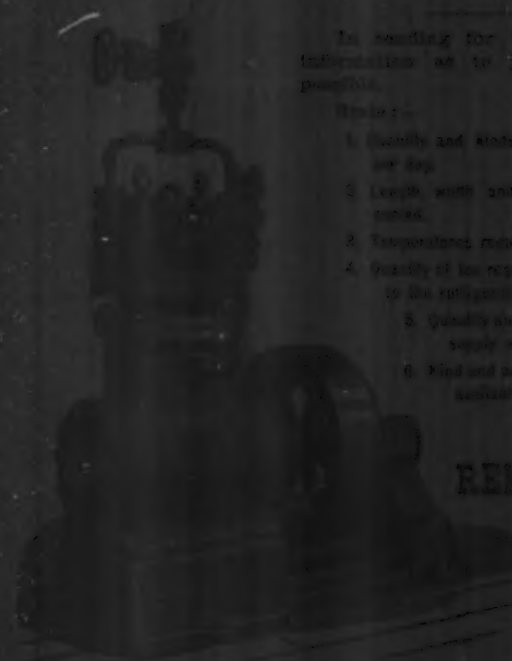
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# THE NATIONAL PROVISIONER,

*The Organ of the Provision and Meat Industries of the United States.*

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We are glad to record a better feeling to business generally in the past week or two. "Eternal vigilance is the price of liberty," and this is a time when both vigilance and conservatism are essential. The worst condition to guard against is alarm. The woods are full of alarmists, and such people should be watched and their utterances promptly discounted.

## "CATTLE PAPER."

Apropos of our remarks last week on the disinclination of rural banks to extend cattle feeders the usual accommodations our contemporary, "The National Stockman" has this to say:

"There are few experiences in business, however unsatisfactory they may be, that do not in the end teach a valuable lesson or result in some good. Thus the difficulty in getting money which the Western feeders now experience may yet result to their advantage by inaugurating a new system of credit in such business, whereby the feeder will not be so dependent on the ability or the disposition of the banker to accommodate him. It is now possible for the Western feeder to get cattle to consume his grain by giving a mortgage on both cattle and corn, thus making the seller perfectly safe and paying him good interest on his money. This is now only a makeshift to overcome the difficulty of borrowing money, but it and other credit expedients now necessary may be useful in future business."

A great many things might happen before the evolution suggested by our contemporary accommodates itself to conditions.

YOU ARE INTERESTED IN COTTON OIL! DO YOU UNDERSTAND ABOUT MODERN HEATERS, THEIR CONSTRUCTION AND MODE OF OPERATION? THE IDEA IS TO KEEP POSTED AND "UP TO DATE." SEE ORDER BLANK ON PAGE 19.

When Armour & Company begin an enterprise they certainly leave no stone unturned to make it a success and push it for all it is worth. As most of our readers know the house only began the manufacture of soap a few months ago, yet its sale is now going forward in every State in the Union. It is no uncommon occurrence to see a solid train of live stock, provisions, or fruit scurrying along to its destination, yet we must be surprised to hear of a whole train load of soap. Such a sight was seen recently on the road from Chicago to Memphis. It was composed of Armour's cars, and was decorated with signs as follows: "Memphis knows a good thing." In each car was 20,000 pounds of soap, making a total in the twelve cars of 240,000 pounds, and as the commodity is put up in pound bars, it would mean 240,000 cakes of soap. To a casual observer it would appear that there would be soap enough for the entire State of Tennessee.

WASTEFULNESS AND PRODIGALITY PREVAIL CONSIDERABLY IN COTTON OIL MANUFACTURE. IF MILL OWNERS DESIRE TO STOP SUCH LEAKS THEY BETTER FILL IN ORDER BLANK ON PAGE 19.

We observe that numerous slaughter houses, tallow rendering establishments and soap works throughout the country are having trouble with health authorities in consequence of defective methods of suppressing the odors which necessarily arise in the operation of such plants and in many cases the proprietors have been put to endless expense and trouble and been obliged to move their equipment to outlying sections.

The great trouble with such concerns is that they continue to operate in old ruts and on antiquated methods and with old-fashioned machinery. If they would at once modernize their ideas and understand that they should now do what they must do finally, they would be displaying common sense and saving themselves all the troubles incident to any manufacturer who conducts what is generally

known as an "objectionable" business. Obnoxious odors can be suppressed by the adoption of modern machinery, and boards of health are finding this out and are consequently making life miserable for those who will not modernize and conduct their business on "up-to-date" methods.

NEW BOOK ON COTTON OIL MANUFACTURE. SEE PAGE 19 FOR ORDER BLANK.

A gentleman prominently identified with cotton oil interests in Texas addressed the following to us a few days ago:

"The outlook for the business this season is most unsatisfactory; short crop and scarcity of seed and mills paying less than the article is worth, cuts off all prospects of a profit. Farmers and feeders of stock are taking a big percentage of the seed, a fact which will curtail our output very considerably."

This same information substantially comes from other sections of the South, and it would seem that there was never a time when mill owners should exercise more caution in the purchase of seed. There may be a better outlook for lard at the moment, but the future looks decidedly discouraging. Another large corn crop is assured, and that means another year of heavy lard hogs.

United States Consul Johnson, of Antwerp, has with commendable zeal and presumably on order from Washington been investigating the absurd story which was in circulation in this country lately that London omnibus horses were being slaughtered, packed and sold as American canned beef and labeled as such. The absurd item never found its way in this paper because we were satisfied that there was not a word of truth in it. Mr. Johnson now confirms us in our assumption and reports to the State Department that he has made most careful inquiry and finds that while the English omnibus hacks do come to Antwerp in large numbers, they are slaughtered and sold for fresh meat, and are not packed.

PROPER TESTING OF CAKE AND MEAL FOR OIL PERCENTAGE FULLY TREATED. SIGN ORDER BLANK ON PAGE 19.

## TO COTTON OIL MILLS.

The attention of cotton oil mill companies, managers, superintendents, lard refiners and others interested in the industry is called to the fact that the publishers of this paper have now on the press a new book entitled "The Manufacture of Cottonseed Oil." The main portion of this work is from the pen of a gentleman whose ability as an expert upon the subject is unquestioned, and will not alone treat of the various processes used in the manufacture of cottonseed oil from beginning to end, but will also contain a variety of other information useful and valuable to the trade. Only a limited number of copies will be printed, and for this reason we suggest to those who may desire to secure the book by ordering now. To facilitate them in this a coupon will be found on page 19, which should be filled in and mailed with \$2 to The National Provisioner Publishing Co., 284 Pearl street, New York. Persons desirous of advertising in the book should apply immediately for rates and space.

A rumor has been going the rounds for the past two weeks that a number of the largest packing houses in the country were about cutting the salaries of their office and working forces 20 and 6 per cent. respectively. That such reductions are or were contemplated is now officially denied by representatives of such concerns as Nelson Morris & Co., Armour & Co. and Swift & Co., and one more alarmist rumor has been sent to an early grave.

J. F. BEHN.

CARL BEHN.

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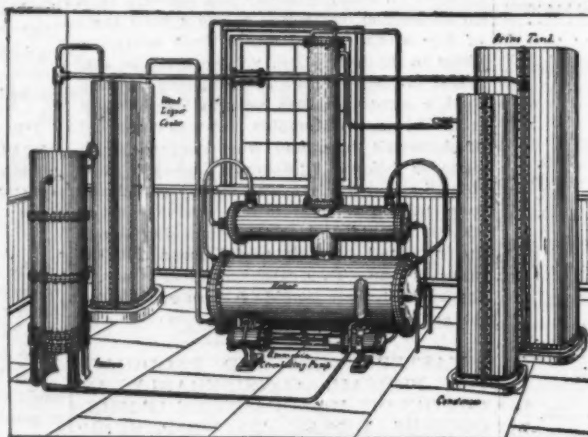
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Mfg. Ice, Petersburg, Va.  
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Springfield, O.  
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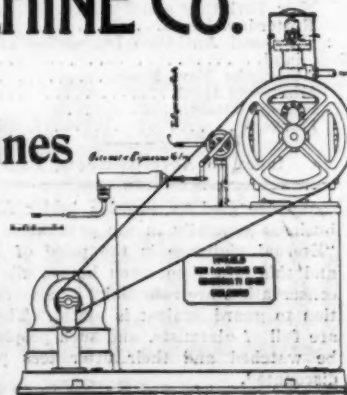
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# PROVISIONS AND LARD. WEEKLY REVIEW.

**LIQUIDATION AND TIGHT MONEY** have been the controlling factors in the market for hog products the past week. The September longs have been steadily throwing their stuff on the market as a widening difference under the later options, and the carriers have helped depress the price of September, in order to get big carrying charges on the stringency in the money market. These have been paid by some of the original longs, rather than to throw over their stuff, at the lowest prices yet on pork, and take their losses; yet none of them were able to take in the deliveries on September contracts and pay for them; and they were unusually heavy, 23,000 bbls. of pork being tendered on the 1st inst., and 15,000 tcs. of lard, of which Armour took the former and Fowler the latter, while Hately took in the small deliveries of ribs, amounting to only 2,000,000 lb. After these deliveries were placed the market rallied, led by pork, as it had been on the down grade for the last two or three weeks. Armour and Cudahy were reported to be buying everything offered, the last few days of August and the first of September, and the latter is reported to have covered not only his September shorts, but considerable lines of October and January also, while packers generally bought the near months, although at the advance they sold January against them, or against expected large and early movement of hogs in the next winter's packing season. But the stocks in Chicago showed a very material reduction during August, especially in lard, being 50,000 tcs. less than the 1st of August, while the world's visible supply decreased 9,000 tcs. more, showing 9,000 decrease in Europe and 50,000 in this country, this being the first reduction on either side on this crop. The stocks of meats in Chicago decreased about 30,000,000 lb for the month, making a bigger decrease generally than expected, or a total of 227,000,000 lb. against 280,000,000 lb a month ago, and 142,000,000 lb last year. Stocks of pork were 125,000 bbls., lard 249,000 tcs., ribs 49,000,000 lb. This showing caused a firmer feeling in the market and light offerings on Wednesday, with good buying orders, though the packers sold on the advance for January delivery. Thus ends the talk of manipulation in September, and nothing has been heard of any intention to carry it into October, as the tight money market and the scare over the financial future has deterred operations of this kind. Yet there is a large short interest uncovered, and this big reduction in stock shows that consumption is gradually overtaking production, big as it is, and that we are liable to see demand enough to reduce these old stocks materially still before entering the new packing season; when, with probably easier money, on continued heavy imports of gold, we are scarcely liable to see lower, and likely to see higher, prices on the next crop.

notwithstanding the corn crop is now secured, and probably as big or bigger than that of last year. For Europe has at last got it through her head that these products are cheap and safe to buy, as she has in tallow, oleo stearine and in grain and cotton, all of which she has been taking to an extent almost unprecedented, for the last month or more, until all our inland transportation facilities are taxed to their utmost to bring the stuff forward to the seaboard, while ocean freights have more than doubled on this extraordinary demand, which has engaged all the freight room, practically, from the Atlantic and Gulf ports for September and early October. Never has such a movement of all our export staples been seen as for the past month or six weeks, stimulated by the reduction in railway freight rates and the marketing of stuff that could not be held at interior points on a tight money market. Thus has Europe showed her usual sagacity, and bought our products at these new record prices, while we were frightened out of our senses by a political scarecrow and fear of a panic. As in speculation, so in spot prices: we have anticipated the future, and all the evil effects that can possibly come from any political changes that may occur. Not only this, but we have double discounted them, having had one silver panic in 1893, from which prices have never recovered, to be discounted again in the last few months. Thus have we enabled Europe to secure a large portion of our products, the balance of the old and the early movement of the new crops, at much less prices than they were worth, and than she stood ready to pay; though, of course, this last decline has led her to anticipate her wants further ahead than she would otherwise have done, as these products can be carried much cheaper on the other side, owing to lower rates for money. That all of these farm products have been sold down below their value, and the country thus much needlessly impoverished, will be made clear, when the election is over, and people have recovered their heads, finding that the country will not be "ruined," no matter what the result may be. As to the supply of hogs, there has been a moderate increase in the movement this week, as there was last, still further stimulated by the unusually cool weather, and there is little doubt that there will be a continued liberal movement from this on; yet we are not likely again to see products pile up the way they did last year.

**SPOT BUSINESS** has shown little change and has been irregular, some staples being more active and others less, the scarcity and high price of ocean freight tending to check any new export demand there might be, as has been the case in grain, while home trade has been holding off to see how much September liquidation would carry spot prices, as the latter have been but little affected, and in some cases have been advanced on the non-speculative articles. Buyers were looking around a little more toward the close, but

found themselves unable to obtain any concessions, even on the speculative articles, which seem to be more firmly held, with greater confidence, in strong hands. Exporters to the West Indies have been doing more in pork and lard, but have been practically out of the meat market, and there have been no specially noteworthy features in any branch of the trade. On Saturday 1,000 bbls. of pork were taken in the New York market at \$7.50@8.25 for mess. On Monday pork and ribs were 10c. off in Chicago and lard 5c., caused by 15,000 more hogs received there than the estimates, or 45,000, while the longs helped to depress the market. On that day 700 bbls. of pork were sold in New York at former prices, 150 city lard \$3.45@3.50 for refining, Western in tierces nominal at \$3.72½, tank, ditto, \$3.47½, 25,000 lb clear bellies at 5½c., 1,500 city pickled shoulders at 3½@3¾c.; hogs ¼c. off New York. On Tuesday 400 pork were taken, as usual, for the West Indies; 200 tcs. city lard, iron-bound packages, \$3.95, for the West Indies; 100 city lard for refining, \$3.45@3.50; Western nominal, \$3.72½, tank, ditto, \$3.50, with city shoulders, ¼@¾c. up on sales of 2,500 at 3½@3¾c., while city hams were more active at old prices, 2,500 selling at 9¼@9½c. New York stocks of old pork were 1,549 bbls.; new ditto, 4,028, against 1,385 of the former last month, and 97 ditto last year, and 4,785 of new last month and 511 last year. Stock of lard in New York Sept. 1 was 21,555 tcs. contract, 25,113 all kinds; last month, 22,596; last year, 18,140. Stocks of contract stuff in Chicago were 125,000 bbls. of pork, 249,000 tcs. of lard, 49,000,000 lb of ribs. The publication of these stocks on Tuesday caused a recovery of 17½c. in pork, 5c. in ribs, while lard was unchanged at 2½c. off for September.

On Wednesday Chicago was 5c. up on pork, 2½c. on ribs and lard, with moderate receipts of hogs. Sales in New York, 600 bbls. of pork at former prices, 4 tanks Western lard, \$3.50@3.52½; ditto, in tierces, \$3.75 nominal; 100 city, \$3.50; 300 ditto, \$3.95, in iron-bound tierces, for Cuba; 1,000 city pickled shoulders, 3¼@4c.; 10,000 lb clear bellies, 5½c.; 10,000 lb 10-lb rib bellies, loose, 6c., and 10,000 lb heavy rib bellies, 5c.; 12-lb held 5½c.; green meats held firmly at the West and sparingly offered at 6½c. for 20-lb hams, 7¼c. for 16-lb ditto, 7¾c. for 14-lb, 8¼c. for 12-lb, there.

Beef products have been held more steadily and there has been more looking around by exporters for city packed, of which 600 tcs. extra India mess and 1,000 bbls. packet and family sold at our quotations below. Beef hams have also been in a little more request, and \$16, cost and freight, is asked by some of the Western packers in New York for fancy fresh packed, 250 bbls. being sold recently on p. t. Canned beef has been dull at moderate changes in quotations, as given herewith: Corned and roast at 90@95c. for 1-lb can; 2-lb can, \$1.65@1.75; 4s, \$4@4.25; 6s, \$5@5.50; 14-lb, \$11.50@12; mess, \$6.50

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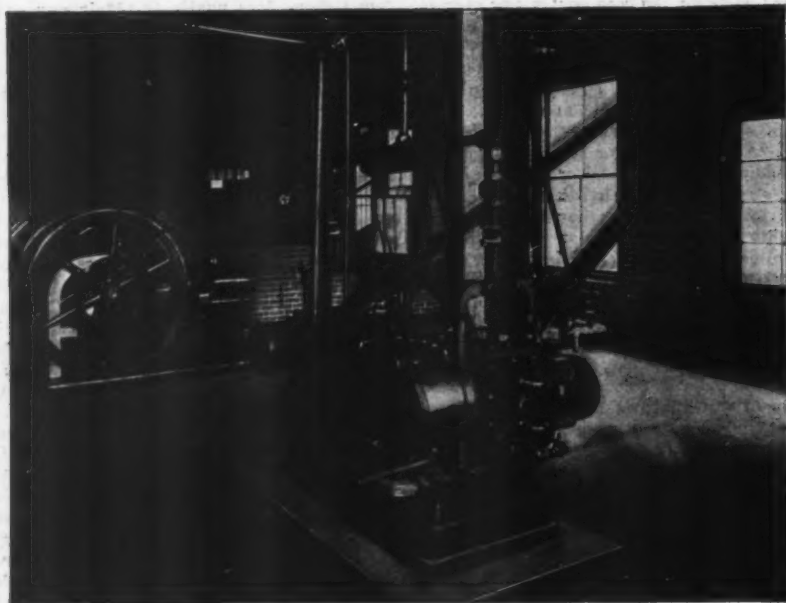
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@\$7; packet, \$7@8; family, \$8@9; extra India mess, in tierces, \$10@12; hams, \$14@ \$14.50 West for new; coat and freight here, \$15@15.50; job lots, \$15.50@16; tongues, \$21.50 for 36 to 40 pieces; and \$23 for 30 to 35 pieces to the barrel.

As to speculation in hog products, it is now confined largely to the packers and professional traders, as the money market and the financial scare has driven the public about out of all these produce markets, and there is not much prospect of its coming back until after election, at least. Hence the chances of manipulation are not good, unless there is enough old short interest in Chicago to make a squeeze in October pork possible.

Bearing on the future hog supply, there is talk that prices are and have been so low that the pig crop is much less in proportion to the number of hogs in the country than usual, and that we will get a much smaller hog crop the coming year than the present one. Yet it is impossible to see what better pay the farmer can get for his corn, and he can hardly hold it over for higher prices with tight money, to any general extent.

Chicago stocks compare as follows: Contract pork, Sept. 1, 119,600; last month, 128,000; last year, 111,000; old ditto, 6,580, 8,853 and 1,278 respectively. Other kinds, 32,682, 37,705 and 33,590 ditto, ditto. Contract lard, 249,721, last month, 300,491; last year, 58,984; other kinds, 6,717, 10,755 and 11,495 respectively. This was 10,000 greater reduction in lard than highest estimate and 34,000 over the lowest; hams (s. p.), 14,900,683, 22,814,585 and 16,884,965; short ribs, 49,116,000, 56,484,400 and 31,980,281; short clear, 4,463,000, 3,484,000 and 1,102,000; extra ditto, 8,770,000, 10,667,000 and 11,434,000; other cuts, 9,315,000, 11,686,000 and 11,003,000 lb, making in round numbers 20,000,000 lb decrease in meats of all kinds, 55,000 tes. lard and 14,000 pork of all kinds.

Thursday's markets were dull, weak and lower on 6,000 more hogs than expected at Chicago and 5@10c. lower prices, with 225,000 hogs packed West for the week, against 165,000 a year ago. Pork closed 7½c. off for the day, ribs 7½c. and lard 5c., with the packers selling January stuff. Spot trade small, 400 pork, New York, at old prices, 100 city lard, \$3.45@3.50; tank nominal at \$3.50 for Western, tierce ditto, \$3.72½ asked. Hogs ½c. off; 10,000 lb 12-lb rib bellies 5c., job lots hams and bellies at former prices. But exporters out of Eastern markets, though an active cash demand was reported at the West for meats, with packers working their shipping departments nights to fill their orders, notwithstanding a scarcity of cars is complained of at Chicago, while the stock of pickled meats there is said to be only 55 per cent. of that a year ago.

Friday's markets were off on country packers and outside longs selling October, which Chicago packers bought while selling January, options closing 7½c. off on pork, 2½c. on ribs and 5@7½c. on lard, the latter being the market. Spot trade active West in meats only, but dull in New York at last quotations. Sales, 200 bbls. pork, 150 city lard, \$3.35@ \$3.40 for refining; Western tank quoted \$3.40 asked, cost and freight; in tierces, \$3.65; spot, \$3.65@3.70, other staples being nominally unchanged.

## A CONNECTICUT PLANT BURNED OUT.

Bridgport, Conn., Sept. 3.—The entire plant of the Plumb & Winton Co., pork packers and lard refiners here, was burned to-day. Total loss.

## TALLOW AND STEARINE. WEEKLY REVIEW.

TALLOW has been unusually quiet this week for New York City stock, owing to the firm views of melters at 3¼c., while the exporters have had few orders at 3¼c., owing to the dullness of the Continental markets, which are generally said to be supplied for their consumptive wants the balance of this year. Yet it has been generally understood that had offerings been more free the exporters would have taken New York City stock in hogsheds quite freely at 3¼c. This, however, has been a supposition, as they have been small and indifferent bidders at that figure, not a trade having been reported up to this writing, but they have been unusually free buyers of country tallow in tierces in the New York market, as well as of edible, the latter going largely to Germany for toilet soap making. Last week Chicago was cleaned up by local soap makers there, who got a little alarmed at the reduced stocks, consequent upon previous free sales to exporters, and put that market up to 3¼c. In tierces, cleaning up all accumulations, both of high and low grades on that basis. This placed that market above an export basis, and only left the New York market for country tallow in line; hence the unusual activity in this grade noted above. To show the condition of the Western markets, and how thoroughly they have been cleaned up of soap and candle stock, we give the following weekly report of a leading tallow broker in Chicago:

Tallow.—The market has advanced. Several round lots of prime packers' sold at 3¼c.; No. 2 packers', 2½@2¾c.; prime country, 2¾c.; No. 2, 2½c.; No. 1 renderers', 2½c.

The New York market has advanced to 3¼c. and \$1.50 for packages. In London public sales 816 tons were offered, of which 516 tons sold at 3d. advance. The Paris market is unchanged and dull. This advance was originated by speculative purchases, but during the last days some of our large soap makers became afraid, and paid up to 3¼c.

The European markets, especially those of the Continent, remain weak, and will not advance their limits. They have bought large quantities from this side during the last three months, and have enough stock to last them for the remainder of the year, and at present values we are at least ¼c. over export parity. However, as prices are quite low, and packers are fairly well sold out, it will be an easy matter to maintain actual values for several weeks, or even to advance them somewhat, but as long as Europe does not follow us I do not believe in any permanent advance, as there is no doubt but that the supply in this country is at present considerably in excess of the consumptive demand, and there will consequently before long again be a surplus, which will have to be sold at prices which European buyers will pay.

Grease is rather steadier. A white, 2¼c.; B white, 2¾c.; yellow, 2¼c.; brown, 2c.; bone grease, 2¼c.

Stearine.—Oleo stearine sold largely at 3¼c. for export, at which price 2,000,000 lb changed hands. The nominal asking price is 3¾c. now, but 3¼c. is best bid. Grease stearine nominal at 2¼c.

We give the above because it shows a more healthy condition of these markets than has existed for over a year, and so long as

foreign markets continue to take anything like the present volume of exports we may look for a continuance of these conditions. Of course, it will be remembered that this export demand started because of the serious shortage of the peanut crop of Africa, upon which France depends so largely for her soap stock, and this condition is liable to end with the incoming of another peanut crop, which might throw our market back again into the hands of domestic consumers. But six months or more must first elapse, during which chances favor producers. On Saturday last sales were 150,000 lb of country in New York at 3¼@3½c., with 150,000 more taken on Monday at the same price, and 100 tes. of choice edible at 3¾c.; and in Chicago 500 tes. choice packers' at 3¼c.; 200 tes. No. 2 ditto, 2½c. On Tuesday buyers in New York held off, city being nominal at 3¼c., with 200,000 lb of country at 3¼@3½c., packages free, as usual, and 150 tes. of edible at 3¾@3½c., the latter for Germany. Wednesday's sales were 500 tes. and 100,000 lb of country, within the range of 3¼@3 5-16c., and 500 tes. of country edible, part recently at 3¾c., the bulk of both for export. It will thus be observed, as noted at the beginning of this article, the unusually large sales of country tallow, and the entire absence of sales of city reported up to this writing. London sales Wednesday were at 3@6d. advance, with half the offerings of 1,700 casks sold at the improvement, making the second week in succession of an equal advance.

Of the sales above reported of country, there was considerable to be shipped from outports, which have sold quite freely through parties here to shippers; and, the total to this writing of outport and country taken here within the past week, is very close to 1,000,000 lb, including some edible at Philadelphia at 3¼c.

On Thursday, there were reports of several car lots of choice and common tallow taken in Chicago by the local trade. But the stock was so reduced last week as to make offerings very small, and from the current production, for which the local demand is equal, leaving nothing for exporters so far this week. New York sales: 250 hhds. city, 3¼c., bid; 200 do., export, 3 3-16c.; 100 edible, 3¾c.; 100 do., Philadelphia, 3¾c.; then 100,000 lb country at 3¼@3½c., New York, for export. These sales of city for the week would leave about 300 hhds. to add to stock of city at close last week.

Friday's markets were nominal at Thursday's prices, except for 50 hhds. city at 3¼c.; 200 do., recently at the same, leaving stocks the same as a week ago, with cable refusals on 800 hhds., at 3¼c. not accepted; 50,000 country choice, 3¼c. No outside business on change reported.

STEARINES AND OILS have been unusually quiet both East and West, with but little change in prices and scarcely a new feature to the trade. The reasons are scarcely the same as those in tallow, though offerings have been light, but there has been very little demand for either of these products East or West, at home or abroad, up to this writing. There were, however, more free sales of oleo oil in Rotterdam last week than reported, some reports saying 3,000 bbls. and some 5,000 bbls., comprising the cargoes of two steamers arriving there last week. But whichever figure was correct, those cargoes were all sold at 32@33 florins for extras, since when nothing has been reported, as the immediate demand was filled by last week's sales. This is all there is to be said so far of this staple, except that small sales of United, to be shipped, have been made at 34 @35 florins.

On Monday 300,000 lb of oleo stearine sold at 3¼c., Chicago, and on Wednesday 50,000 lb more at 3¾c. to local compound lard refiners, the latter price having been asked all the week, while 3¼c. has been bid, understood to be for export; but last week's and the previous week's free sales had relieved that market of accumulation. The New York market has scarcely moved, 4c. being bid in a feeble way for small lots and 4½c. asked, with no pressure to buy or sell. In lard stearine there

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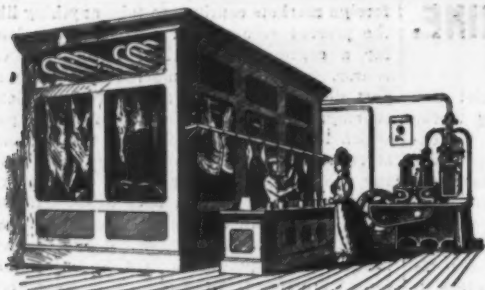
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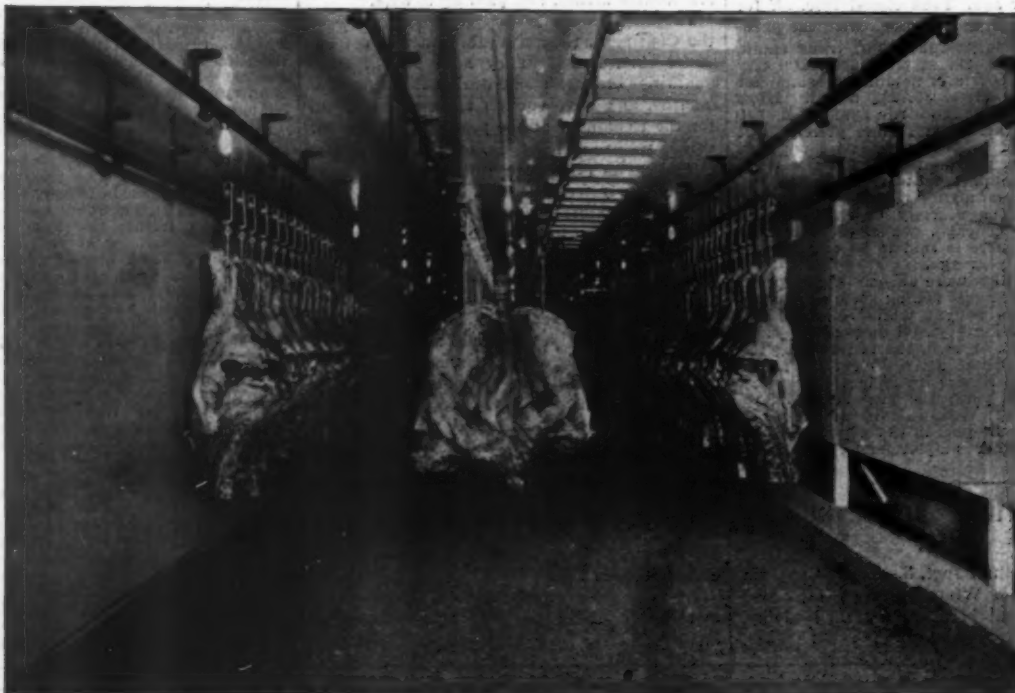
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E. B. ATKINS, Manager.



has been neither home nor export demand, and we have endeavored to find the reason of this protracted inactivity in this staple, no sales having been reported here for weeks, except of job lots, for export, by New York exporters, though the latter have been sold ahead on old contracts for export. In talking with the local refiners they explain this by the fact that a much smaller percentage of lard stearine is used in refining pure lard than formerly; some claiming as low as 1 per cent. for Northern markets and not exceeding 10 per cent. for the West Indies and South America, while others claim that not less than 30 per cent. can be used for the candle markets and that as high as 20 per cent. is required for the tropical markets. Yet they practically agree as to the annual consumption of lard stearine in New York City, making it about 25,000 tons, about half of which is Western, and the other half city, though a large percentage of the New York product is sold to exporters.

In speaking of the prospective demand for oleo stearine by the compound lard refiners, Mr. James B. McMahon, manager of the N. K. Fairbank Co., of Chicago, who was on a tour of inspection of their Eastern agencies during the week, says there has been fair improvement in the demand for compound lard, and that at present prices of lard and of cotton oil there is prospect of considerable improvement in consumption of this staple the coming year. This will be regarded by the trade as a sorry forecast of this market, as there is not much prospect of anything like former demand for oleo stearine, for compounding with cotton oil; yet there seems to be, at these prices, an almost unlimited demand from Germany and France for this product for candle making; and it is into this channel that nearly all the heavy purchases of oleo stearine by exporters in the last three months have gone. Thus it will be seen that a new outlet has been found for this product, as well as for others, of beef and hog fats.

Lard oil has been more active since our last, with a good export trade in city make at 38@40c, for the range, which is 1c. off for the week.

There have been arrivals of one or two steamers at Rotterdam this week with oleo oil, but there has not been demand enough to take their cargoes at last week's prices, indicating an easy and nominal market.

Thursday's reports from Rotterdam were that two steamers had arrived this week, and that it was impossible to get last week's prices for their cargoes. Not a bid for nor transaction in stearine East or West reported, either for lard or oleo; 200 bbls. Harrison's oleo oil sold in Rotterdam at 33 florins, the first sale of the week reported. Stearines East and West nominal at 4@4½c., New York, for oleo, 3½@3¾c., Chicago, with little demand.

### CHICAGO PROVISION REVIEW.

There has been a pause in the decline of provisions and a much healthier tone to the trade since our last report. Wednesday's price of \$5.30 for September pork proved to be the low point, and the prediction that the price would reach \$5 was not quite realized. There has been very heavy buying every day of September by brokers, who are supposed to represent John Cudahy, and it is now realized that he was short a much greater line than any one supposed. This buying formed the market and stopped what would undoubtedly have been a much greater decline. It is not believed that this great operator has abandoned the bear side, for he has been a heavy seller of October and January. In fact there is nothing in the situation at present to warrant any one to look for very much of a bull market. The weather for the past week has been perfect for the growing corn crop, and at least two-thirds of it is fully matured and ripe. Another week will put the other one-third safe from even a hard frost. Then with this immense amount of corn saved the question arises, What can we do with it? It can't be sold even for delivery next May to net the farmer more than 10c. or 12c. a bushel. He will naturally want to get all he can out of it, and in order to realize even a fair price will have to feed it. This will mean an immense crop of hogs the coming winter and spring, and must result in lower prices. Two cents a pound for live hogs equals at least 24c. a bushel for corn to the feeder, and this point will not be lost sight of by the farmer and feeder who keeps well posted on the situation. Prices are low now and the speculator should not look for a very active market for some time, and the range of prices will probably be narrow, but in favor of the short seller. The stocks of provisions Sept. 1 show greater reductions than were generally looked for. Lard shows a reduction in stocks of nearly 51,000 tierces. If we could believe this had gone into consumption it would be a strong bull argument, but the probabilities are that on account of tight money on this side and easy money in Europe that the bulk of the exports are on consignment and not on actual sales. While the decrease

of lard in Chicago was liberal, and even more than the trade looked for, yet the world's stocks, as reported by the N. K. Fairbank Company, are a disappointment. The trade was hoping for a decrease of 75,000 to 100,000 tierces. But it only proved to be 59,000 tierces, which goes to prove our former statement that a very large proportion of the exports were on consignment and still show in the stocks.

Fairbanks' report makes world stock 564,517 tierces, against 623,783 Aug. 1, and 281,287 tierces Sept. 1, 1895. The Chicago stocks of provisions Sept. 1 are: Mess pork, 119,005 bbls.; prime steam lard, 249,721 tes.; short ribs, 49,116,046 lb. Aug. 1, 1896—Mess pork, 127,957 bbls.; prime steam lard, 300,491 tes.; short ribs, 56,484,405 lb. Sept. 1, 1896—Mess pork, 111,204 bbls.; prime steam lard, 58,984 tes.; short ribs, 31,980,281 lb. A comparison of our stocks to-day with those of 1895 should show the ambitious bull what a load he has got to carry if he advances the market very much, and the outside conditions are certainly no help to him. Cash trade has been fairly good. Large sales of cash lard at \$3.30@ \$3.32½; leaf lard, \$3.50; green hams, 16-lb, 7½c. spot, and 6½c. December; skinned hams, 18-20-lb, 7½c.; 18 average, regular, 6c. for December; sweet pickled hams, firm and scarce, 18-20-lb, skinned, 9½c.; sweet pickled picnic hams, 7-lb average, 4½c.; sweet pickled bellies, 9-lb, 7c. Extra short clears at price of September ribs.

### STOCKS OF PROVISIONS IN KANSAS CITY

AT CLOSE OF BUSINESS, AUGUST 31, 1896.

	Aug. 31, 1896.	July 31, 1896.
Mess pork, bbls.....	2,590	3,338
Other kinds pork, bbls.....	2,526	3,472
P.S. lard, "contract," tcs.....	11,042	18,980
Other kinds lard, tcs.....	1,748	3,456
Short rib middles, lbs.....	2,367,378	5,406,637
Short clear middles, lbs.....	2,159,668	5,783,788
Extra S. C. middles, lbs.....	1,699,062	3,465,985
Long clear middles, lbs.....	147,785	249,573
Dry salt shoulders, lbs.....	2,167,276	3,248,381
D. S. bellies, lbs.....	893,806	1,755,890
S. P. shoulders, lbs.....	243,675	367,880
S. P. hams, lbs.....	6,828,219	9,144,072
S. P. bellies, lbs.....	3,906,244	4,486,709
S. P. California hams, lbs.....	2,309,112	2,661,406
S. P. skinned hams, lbs.....	766,725	851,315
Other cuts meat, lbs.....	3,539,074	7,384,614

### LIVE HOGS.

	Aug., '96.	Aug., '95.
Received.....	136,361	121,076
Shipped.....	45,009	20,002
Driven out.....	91,853	100,099

### STOCKS OF PROVISIONS IN CHICAGO.

AT CLOSE OF BUSINESS, AUGUST 31, 1896.

	Aug. 30, 1896.	July 31, 1896.
Mess pork, winter p'ck'd, new, bbls.....	119,605	127,957
Mess pork, winter p'ck'd, old, bbls.....	6,480	8,853
Mess pork, summer packed, bbls.....	190	125
Other kinds of barreled pork, bbls.....	32,692	37,708
Prime steam lard, "contract," tcs.....	249,721	300,491
Other kinds of lard.....	6,717	10,755
Short rib middles, lbs.....	49,116,046	54,484,406
Short clear middles, lbs.....	4,463,483	3,484,527
Extra short clear middles, lbs.....	8,770,039	10,667,472
Long clear middles, lbs.....	915,794	717,653
Dry salted shoulders, lbs.....	762,545	1,467,941
Sweet pickled shoulders, lbs.....	1,625,244	3,305,776
Sweet pickled hams, lbs.....	14,900,628	22,814,585
Dry salted bellies, lbs.....	7,865,529	12,732,545
Sweet pickled bellies, lbs.....	6,618,733	8,698,792
Sw. pickled Cal. or picnic hams, lbs.....	4,636,621	6,428,581
Sw. pickled Boston shoulders, lbs.....	1,752,922	2,470,362
Sweet pickled skinned hams, lbs.....	3,216,673	3,595,941
Other cuts of meats, lbs.....	9,314,820	11,695,434

\* Of which about 750 tes. made previous to Oct. 1.

### MOVEMENT OF PRODUCT.

	Received.	Shipped.
	Aug., '96.	Aug., '96.
Pork, bbls.....	372	32,871
Lard, gross weight, lbs.....	3,374,636	46,614,810
Meats, gross weight, lbs.....	10,808,291	67,780,583
Live hogs, No.....	498,674	184,922
Dressed hogs, No.....	.....	168

Average weight of hogs received, Aug., 253; Aug., 1896, 237; Aug., 1894, 224.

### THE WORLD'S SUPPLY OF LARD.

Cable advices to the N. K. Fairbank Company give the following estimates of the stocks of lard held in Europe and afloat on the 1st inst., to which are added estimate of former years, and stocks in cities named:

	1896, Sept. 1.	1896, August 1.	1895, Sept. 1.	1894, Sept. 1.	1893, Sept. 1.	1892, Sept. 1.	1891, Sept. 1.
Liverpool and Manchester.....	81,000	83,000	55,000	25,000	32,000	10,000	48,000
Other British ports.....	17,500	17,500	5,000	4,000	4,500	8,000	8,000
Hamburg.....	27,500	30,000	15,000	15,000	6,000	12,000	35,000
Bremen.....	2,500	2,500	2,000	1,000	1,000	2,000	1,500
Berlin.....	3,000	7,000	7,000	4,000	2,500	3,000	3,000
Baltic ports.....	17,000	17,000	14,500	9,000	7,000	12,000	23,000
Amsterdam, Rotterdam, Mannheim.....	2,500	2,000	1,000	1,500	3,100	8,000	1,600
Antwerp.....	40,000	40,000	27,900	4,000	2,000	10,000	28,000
French ports.....	19,000	17,500	13,500	8,100	6,500	21,000	27,000
Italian and Spanish ports.....	1,000	1,000	1,500	1,600	1,000	2,000	1,600
Total in Europe.....	209,500	217,500	143,000	73,000	65,500	85,000	176,500
Afloat for Europe.....	60,000	45,000	42,000	42,000	48,000	40,000	25,000
Total in Europe and afloat.....	269,500	262,500	185,000	115,000	113,500	125,000	201,500
Chicago, contract.....	249,721	300,491	58,984	22,538	4,689	34,453	144,551
Chicago, other kind.....	6,717	10,755	11,491	8,702	4,898	6,408	5,807
East St. Louis.....	1,250	2,902	381	750	.....	.....	.....
Kansas City.....	12,788	22,436	7,893	4,767	4,712	.....	.....
Omaha.....	1,611	4,730	1,641	900	844	.....	.....
New York.....	22,960	19,972	15,897	6,399	8,073	9,077	80,324
Total tierces.....	564,517	623,786	281,287	169,050	136,676	176,038	405,182

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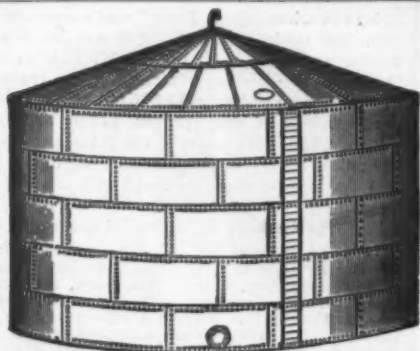
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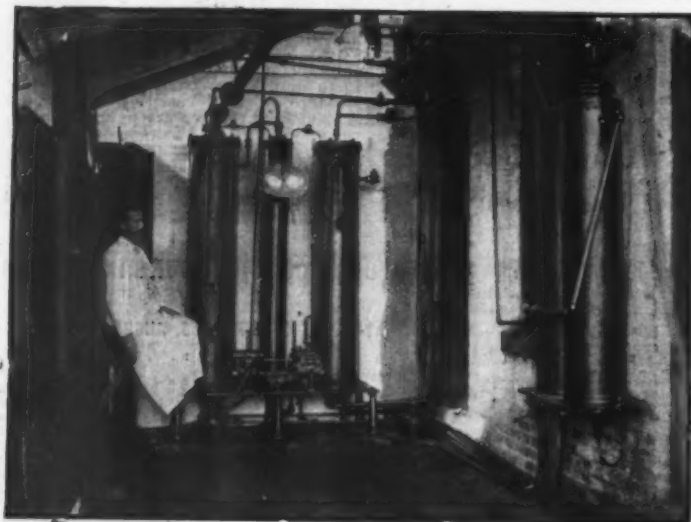
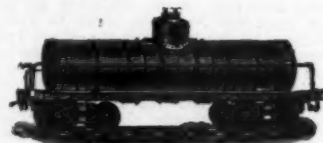
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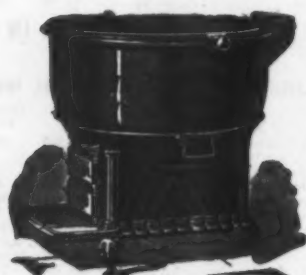


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# HIDE AND SKIN MARKETS.

## CHICAGO.

**PACKER HIDES.**—The market is strong at the advance, though the tanners don't seem to be falling over each other in order to get there first. The fact seems to be that the advance has stopped export orders and the domestic tanners buy only as they are obliged to have the hides for immediate use. A market of that kind, while a healthy one, is not as a rule a very active one. The prices are about 1c. higher on native steers, counting the lowest reported sale, and now the highest, and yet R. G. Dun & Co. reported last week that hides were off 2 per cent. It seems to be a fact that the commercial agencies seldom get the hide situation correct, and when it comes to the daily papers and the trade one is often led to wonder how it is possible for them to be so far from what is the real situation. The packers seem to take the ground that the statistical position of hides warrants the asking of higher prices. We believe that as to that they are correct, but as to other conditions it is a very serious question as to whether they warrant the asking of higher prices for hides under present conditions. There is, however, one thing to be considered, and that is, that they don't compel tanners to buy unless they wish to, and as they own the hides, if they don't get what they ask, they have the privilege of lowering their prices at any time.

No. 1 NATIVE STEERS, 60 lb and up, are quoted at 7@7½c., and it is claimed that they have sold for 7¼c., with the lights at 1c. less.

No. 1 BUTT-BRANDED STEERS, 60 lb and up, 6c.

No. 1 TEXAS STEERS, 60 lb and up, are strong at 6¼c., with the lights at 6¼c.

No. 1 COLORADO OR SIDE-BRANDED STEERS, 60 lb and up, 5½@5¾c.

BRANDED COWS, 5½@5¾c.

No. 1 NATIVE COWS, 55 lb and up, 6¼@6½c.

LIGHT COWS, 55 lb and down, now sell at the same prices as the heavy weights.

NATIVE BULLS, 6c.; butt-branded, 4¾c.

**COUNTRY HIDES.**—The market is stronger, though the receipts continue light. The dealers have their buyers at home, as it does not pay to keep them on the road. We quote:

BUFF HIDES, 40 to 60 lb, free of brands and grubs, 5½c., with the No. 2's 4¾c. There are but few held by dealers, so that the sales are in small lots.

EXTREME LIGHT HIDES, 25 to 40 lb, are in better demand and firmer. The asking price is 6¼@6½c. for No. 1's and 5½@5¾c. for No. 2's.

NATIVE STEERS, 60 lb and up, free of brands and grubs, are neglected, and we quote for No. 1's 5½c., with 4¾c. for No. 2's.

SIDE-BRANDED STEERS are nominally 4½c. flat.

HEAVY COWS, 60 lb and up, free of brands and grubs, are scarce and prices firm. We quote No. 1's 5¼@5½c., with No. 2's 4¾@5c.

SIDE-BRANDED COWS, 4¾c. flat.

BULL HIDES, 4½c. for No. 1's and 3½c. for No. 2's.

CALFSKINS, 7 to 15 lb, continue weak and very little demand for them. For country calfskins 7½c. is the quotation with the No. 2's at 6c. City skins 8c.

KIPS, 15 to 25 lb, in sympathy with skins are weak, and quoted at 6¼c. for No. 1's and 5¼c. for No. 2's.

DEACONS quoted 30@32½c., but no demand.

HORSE HIDES remain dull with very little demand, and prices are low. We quote \$2.25 as the outside price.

SHEEPSKINS AND PELTS continue quiet and dull, though they are quietly taken, so that there are very few on the market.

## NEW YORK.

**GREEN SALTED CITY HIDES.**—The market is held strong with a fair increase of sales over last week. The sales include nearly all kinds of hides from native steers to bulls. We note sales of three cars natives, two cars butt-branded, about 800 cows and 800 bulls. The dealers are not disposed to make any concessions, and buyers pay the prices asked when they take them. We quote:

No. 1 NATIVE STEERS, 60 lb and up, have sold for 6¾@7c. One car of stuck throats sold at 7c. to a home tanner. One car at 6¾c. for export.

BUTT-BRANDED STEERS, 60 lb and up, have sold to the amount of two cars at 5¾c., and the market is strong.

SIDE-BRANDED STEERS, 60 lb and up, nominally 5c., but no sales to report.

COWS have sold to the amount of 800 hides at 5¾c. for export, and dealers hold firm.

BULLS are quoted at 5¾c., with sales of 800 for export. Taken as a whole, the market is firm and in good condition.

**COUNTRY HIDES.**—The market is firm, but receipts are light and mainly cows, which are quoted at 5@5½c.

**GREEN SALTED CITY CALFSKINS.**—The market is steady and firm, and with the continued export demand the market is likely to hold. The receipts are not large and the demand is about equal to receipts. Dealers are paying to butchers, green weight, 11c. for close selected No. 1 skins and 9c. for No. 2's.

**HORSE HIDES** are about the duller article on the market, and dealers find it hard to market the receipts, and that at reduced prices. We quote \$2.20@2.40 for good selection.

## BOSTON.

**HIDES.**—The market is firm, though the demand is not large, as tanners are not anxious to buy, except for present needs. We quote buff hides at 5½c., though tanners are not willing to pay that figure.

NEW ENGLAND HIDES are quoted at 5¼@5½c. for cows.

CALFSKINS.—The receipts are small, and where the quality suits they are taken, but except for fresh prime skins there is but little demand.

## PHILADELPHIA.

**HIDES.**—There is nothing of especial interest as quietness controls the market. In the absence of sales it may be said that the market is strong, though dealers are not putting out any efforts to get stock, so under present conditions there is no incentive to work to increase their receipts. We quote:

STEERS, 5@5½c.

COWS, 4¾@5c.

BULLS, 4¾@5c.

CALFSKINS.—What demand there is is for the heavy weights, and for the lights there is but little demand. We quote heavy weights 95c.@\$1.

## KANSAS CITY.

Again the packers dictate, and if the farmers do not pay the prices demanded the packers do not run after them—they await the return of "the pouting boy." The tanners yet do not seem to realize the logic of the situation, it seems it has not yet dawned on them that they must, for the present at least, pay the price asked or go without the hides. It is doubtful if the tanners as a body believe the tales of empty cellars. The compara-

tively few tanners in the market have masticated out of sight the entire cured production of all the packers except one, and now they are nibbling away at his pile—a good many thousands already have changed hands on paper—and unless this packer gets too greedy in demanding still higher prices his hides will also disappear like the morning mist. But having sold some at within ¼c. of what he has persistently held them at, he now demands the higher price, and in his "vaunting ambition" he may again hold his persimmons too high for the purchaser. It must yet be remembered a large body of tanners refuse to purchase, and already men who freely purchased at 6½c. for natives and Texas now refuse to buy. It would seem only those compelled to purchase care to give 7¼c. for native steers, and it is very noticeable that the few thousand June natives held by two packers are very hard to dispose of. One tanner, yes, more than half a dozen tanners willing to pay 7¼c. for August, but flatly refusing to give 6½c. for some June. All the tanners want late hides. But there should be no trouble selling September branded hides—the very prime of the year in every respect. It remains to be seen if tanners will pay the 7c. now demanded for September Texas, and 6c. demanded for Texas cows. If the question of McKinley's election was settled without a doubt, there would be a general scramble for the September hides. Still ten weeks between us and that "solemn day of deciding"—therefore tanners will act cautiously; and packers when hides are taken off, and curing, will not care to speculate on sixty days; but they will dare to run the risk (?) of thirty days of waiting. No matter who is elected present prices are very safe wherewith to purchase September hides.

## SUMMARY.

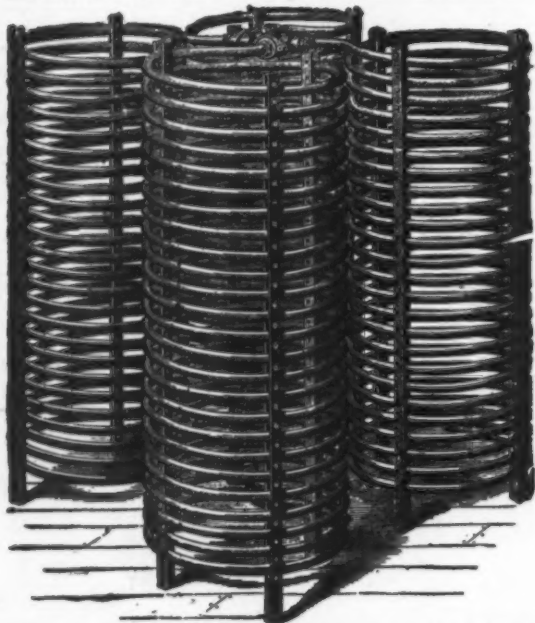
The hide market at present is likely to mislead a good many people for the reason to look at the situation from all points, and hide dealer that the market is very strong and prices steadily advancing. While this may be, and probably is, true, we are obliged to look at the situation from all points, and in that way get into a position from which we may be able to judge of the causes which lead to this better market and higher prices. Is it because the demand for leather has increased, or that prices of leather have advanced, and that consequently tanners are more anxious for hides and buy at the advanced prices with confidence that they will be able to market the leather from these hides? Is it that general business has greatly improved, giving the assurance that "the good time coming" has already arrived? Is it that money is plentiful and easy to get? Is it any or all of these conditions combined that causes an advance of from ¼@1c. per lb for hides? We admit that prices are higher, but why are they higher than they were a week or two ago? We believe that we can answer that in the only satisfactory way that it can be answered. For a few weeks there was a fair export demand which took in the aggregate quite a large quantity of hides, and that gave the packers courage, and they seized the opportunity to advance prices, with the result that exports have ceased, so far as new orders go, and with very light demand from home tanners the sales are not large. Leather has not advanced of late—in fact, in some grades, noticeably in Union sole leather, prices have receded and are 2c. per lb less than they were a few weeks ago. In hemlock sole leather prices are off from ½c. to 1c. per lb. The same may be said of rough leather and belting butts. In upper leather the prices have been held better, but it has been done in about the same way as the prices of hides have advanced—by force.

Surely it cannot be said that general business conditions are better, thus giving confidence. While it is probably true that many conditions are easier, yet money is still very hard to get, and business men find it necessary to act with a great deal of caution. As none of the above causes have tended to give strength to the hide market, we must look to



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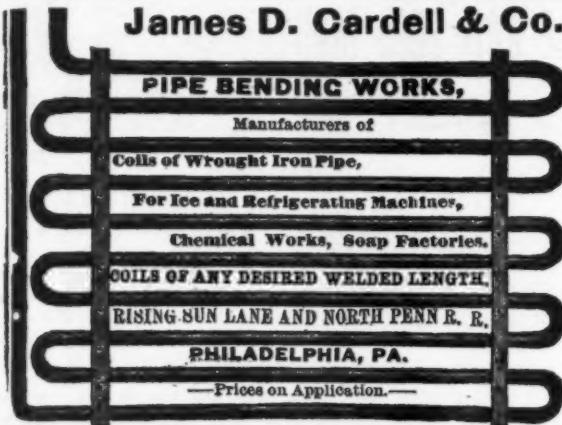
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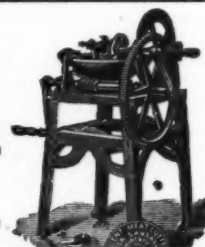
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some other source, and in doing so can see but one reason, and that is that the packers and hide dealers have so decreed. No one can doubt the right of the packers of any holder of merchandise to set his own price on the same, though we may doubt his wisdom, if prices are set too high. It looks at present that hides have been set too high under the general conditions of business all over the country, and that in putting prices up there has been given a check to sales.

In taking this position we do not wish to be understood as believing that hides are extremely high, or that there is a large quantity of them in the country. The readers of "The National Provisioner" are well aware that we have frequently stated that if we considered the statistical position only, we should say that hides are very low, but here is just where the trouble comes in—hides must be considered in connection with general conditions, and in doing that we find but very little to encourage high prices. The fact is that, take the entire country, it is a very conservative estimate of the falling off in the production of our tanners when we say that they are not producing more than one-half of what they ordinarily do, and at the present time some are practically closed, so that to attempt to advance the price of hides under such conditions, while it may be done, does not indicate any improved demand for hides or improved general conditions, but is only a forced condition. If the tide turns from depression to prosperity as many, perhaps most, people believe it will in the not distant future, then tanners may be glad that they bought hides even at present asking prices, but while it is all right to anticipate good times ahead, it is hardly wise to pay out too much money in that idea alone, and for that reason packers, like other people, may be obliged to wait until the tanner can see more daylight ahead before prices take a flight upward.

#### LATER.

A despatch received from Chicago just as we go to press says that buff hides have sold at 6½c. and a lot of city take-off calfskins at 9½c. This indicates a strong upward turn in the market, from just what cause we are not able to say, but give it as a fact without comment.

#### NEW YORK PRODUCE EXCHANGE NOTES.

Monday next, Sept. 7, being Labor Day and a legal holiday, the exchange will be closed.

Mr. James B. McMahon, of the N. K. Fairbank Co., who was transferred to the headquarters of the concern in Chicago about a month ago, has been in New York during the week, and got a cordial greeting from his friends on 'Change. Mr. McMahon does not look as stout as he did, but says he is feeling first rate.

John Henderson, of Hearn & Co., St. Johns, N. F., has been making a business trip through the States, and was on 'Change early in the week. He sailed for home on the Portia on Wednesday.

It is reported on 'Change that Martin B. Schultz, tallow broker, of Chicago, has gone into partnership with Mr. Tiegens, whose father is of the firm of Tiegens & Robinson, Hamburg, Germany.

Mr. Hurd, of Halstead & Co., is rusticating on Long Island.

Mr. Geo. H. Bausher, the well known broker and commission merchant, of Chicago, has been summering at Cooperstown, in this State, and paid a flying visit to the city early in the week, visiting the office of "The National Provisioner" and calling on his friends in the trade.

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For Painting of Storage Tanks, Iron Pipes, etc.

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Mr. B. C. Shepard, the well known live stock commission merchant of East Buffalo, has been in New York during the week and called on most of the small stock slaughterers. Mr. Shepard does quite an extensive commission business in cattle, cows, calves, sheep, lambs and hogs. The several departments are in charge of the following named gentlemen: Fred Kelter, cows; Jas. McLean, cattle; Harry Robe, office; M. Danaby, hogs, and W. A. McLean, calves.

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## COTTONSEED OIL.

### WEEKLY REVIEW.

WE HAVE HAD A HESITATING MARKET.

awaiting the outcome of the new crop, and the opening price on seed at the South, which has not yet been fully established, though some business has been done on the basis of \$6.50 at railroad stations in Texas, and at \$7.50-\$8.50 at the mills in that State, which is more than the crushers were willing to pay until this week, and about the opening prices of last crop. Yet, this has not generally been paid, but only to fill orders or previous contracts for forward delivery, there having been a few buyers in the market for crude and too little old to supply the demand. Hence these prices can scarcely be regarded as fully establishing the basis for new crop; although there have been bids more freely made for new business at 14½c. for choice in Texas and at 15c. at the Atlantic coast, which were refused for new crude, because of inability to get seed upon that basis. In fact, there has been more inquiry than for some time, as the market has been practically bare of crude a month or more, and there is a necessity for replenishing stocks. This has given a firmer tone to the market for refined, as the prospect of a lower basis for new crop than a year ago seems doubtful. At the same time less favorable crop reports from the South, owing to continued drought throughout a great part of the cotton belt, and the weekly weather report of the government have made holders of old yellow very firm at 23c., New York, in sympathy with an advance of over 80 points in cotton during the week. Buyers, however, do not seem to take alarm, and have been inclined to hold off, taking only small lots to fill old contracts and freight engagements previously made; although there has been a 5,000-bbl. steamer loading at New York during the week for the Mediterranean. Whether this is for old or new business is not stated, but presumably for the former, as no sufficient purchases have been reported so far to fill so much room. There has been some demand from Eastern refiners of compound lard for new crude, and the first sale of the season, from Alabama mills, was reported to the Central Lard Co., of New York, on Wednesday, at 15c., f. o. b. at the mill, prompt shipment, 3c. freight, sold by Mr. Taintor, of the Kentucky Refining Co. As the freight from Texas to New York is 4c., this establishes a practically lower basis at that point than in Texas, although only one car was reported at that price, which was refused, as noted above, by mills on the Atlantic coast. But nothing has been heard of Western compound lard refiners in the Southern markets this week, except to look around and bid under the market for crude, and only the sales reported in our last have been so far credited to them, on the new crop. As noted above, the exporters seem more indifferent, so far this month, than they did at the close of last, though there is supposed to be a considerable short interest on their part for September shipment to France. Outside of crude and prime yellow, there has been scarcely anything doing, partly because of light stocks and partly for lack of demand, for the covering of old contracts for prime yellow comprises the chief inquiry. There were, however, 500 bbls. of white sold for export at 25½c., New York, and five tank cars of prime new crude at 14½c., Texas, early in the week, at which that grade can be bought at this writing.

On Monday sales of 1,500 bbls. prime summer yellow, prompt shipment, were made at 23c., New York, for export, and on that day

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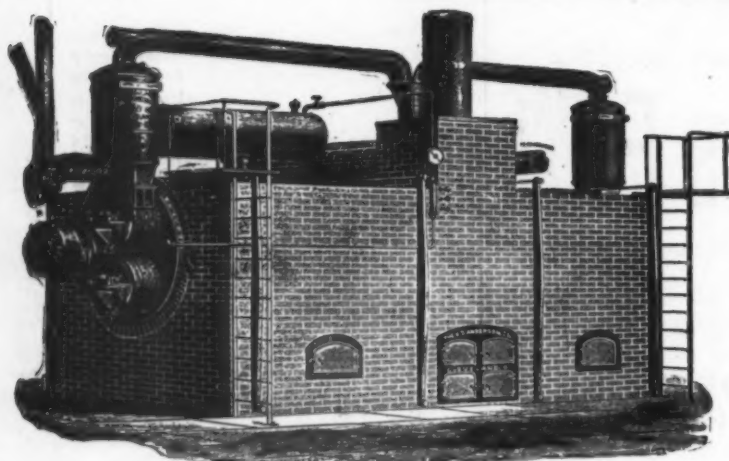
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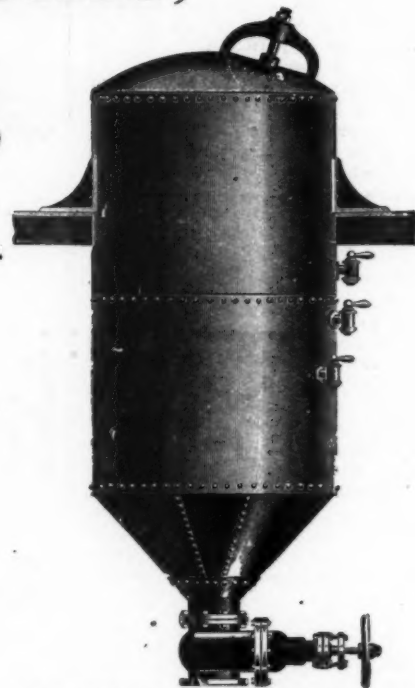
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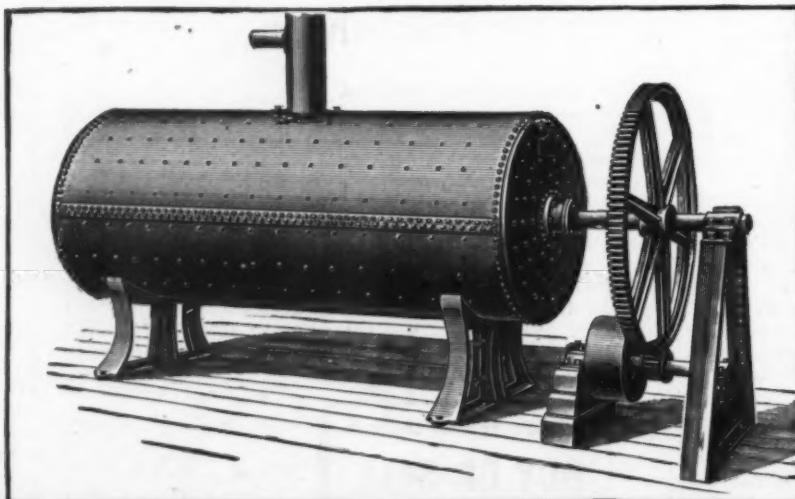
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Texas mills offered a little prime new yellow at 16 $\frac{1}{2}$ @17c., and in one or two cases at 14c. for prime crude. But these offers were withdrawn after that date, owing to the continued dry weather, the advance in cotton and the improved inquiry from Northern refiners. After Monday, however, the export demand was checked by the continued decline in sterling exchange amounting to 1 $\frac{1}{4}$  or over, at the same time that there was an advance of one shilling in ocean freights. This, of course, precluded new business for shipment, as only old prices were bid by the other side. There were, early in the week, reports of small sales of seed to Atlantic coast mills at \$7, with that price bid, since when, however, nothing has been reported, that price being at railroad stations.

On Tuesday 700 bbls. of prime yellow and off-grade ditto, were taken at 23c., New York, and 100 bbls. of choice at 23  $\frac{1}{4}$ c., and bids were raised to 14 $\frac{1}{2}$ c. for new crude, at Texas mills, although some sales of ordinary crude at 14 $\frac{1}{2}$ c. were reported, while 25c. was bid at New York for prime white, and refused.

On Wednesday there was less inquiry reported, with prime summer yellow offered at 23c., New York, and only small sales reported, amounting to less than 500 bbls. It will be seen that the advantage so far on the new seed crop has been with the planters, and that demand for crude has sufficiently increased to compel the crushers to pay planters' prices for enough seed to fill immediate wants. We are thus starting in the new season on a basis nearly as high as last year's, with prospects of a very small movement of seed at any lower prices, though it can scarcely be said that the new crop basis has yet been fully established. The price of cotton oil is still above that of other soap stocks, notwithstanding the recent improvement in beef fats, while part of the late advance in lard has been lost recently, leaving the situation very much as it has been for the last few months, where the consumption of cotton oil for that purpose will remain near the minimum. The sharp reduction of 50,000 tes. in the world's stock of lard during August, 50,000 of which was at Chicago, places that product in a stronger position, however, than it has been for some time, and many in that trade look for a further advance in its price. At the same time the supplies of tallow and grease have been reduced throughout this country to the lowest point in over a year, and exporters have been generally compelled to withdraw from the market for want of offerings, lest they advance it still further on themselves. These conditions in these two competitive staples would seem to hold out some promise of higher prices in the future for cotton oil, were it not that the production of tallow is still materially in excess of home consumption, while the new corn crop is now secured and insures another large hog crop and low prices for lard. This trade, however, is in a healthy condition, though dull, and the stocks of cotton oil, which are now mostly held at New York, have been considerably reduced during the last month, though not materially under 25,000 bbls., as currently estimated.

The government weather report this week was, without exception, bad. "Premature opening," "shedding," and continued "dry

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weather" prevailed over the entire belt, and the only promise of redemption was in a small part of Texas, where the top crop gave a slight promise of revival by reason of recent rains. In other sections injury and damage to staple and plant are advised from the same cause.

On Thursday the sales of prime yellow were increased to 2,500 bbls. for the week, and of off-grade yellow to 1,000 bbls., at 22 $\frac{1}{4}$ @22 $\frac{3}{4}$ c. for export on the spot or prompt delivery. Refiners were still bidding 15c. for new crude at Alabama mills, and 14 $\frac{1}{2}$ c. at Mississippi Valley mills, with 16 $\frac{1}{2}$ c. asked by the latter; while sales were reported at 14 $\frac{1}{2}$ c. in Texas, without particular, for prime crude. Feed was quoted at \$7@8 $\frac{1}{2}$  at railroad station in Atlantic; Italy, \$7.33 $\frac{1}{2}$ , sales at southeast coast points, and \$6@8.50 at Texas railroad stations, \$7 being an extreme asking price at some points, while \$5 was the best bid reported at less favored interior points in that State, with the Mississippi Valley States quoted about midway between the Atlantic States and Texas, and less doing than even in the latter State.

Friday's market was almost nominal at 23c. for prime summer yellow, at which a few 100-bbl. lots were sold, with off-grade offered at 22 $\frac{1}{2}$ c., 22 $\frac{3}{4}$ c. bid. White 25 $\frac{1}{2}$ c. asked, and very little left, and no other grades. Seed sold in Alabama early in week at \$8.50 at mills, but buyers withdrew, and near close it sold at \$7.33 $\frac{1}{2}$  at station. Texas prime crude at mills quoted 14c. bid, 14 $\frac{1}{2}$ c. asked. Stocks prime yellow, New York, Sept. 1, estimated 20,000 bbls. and from 5,000 to 10,000 bbls. at all points South.

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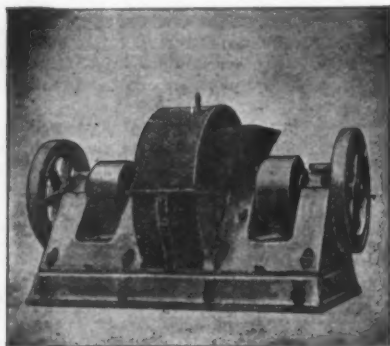
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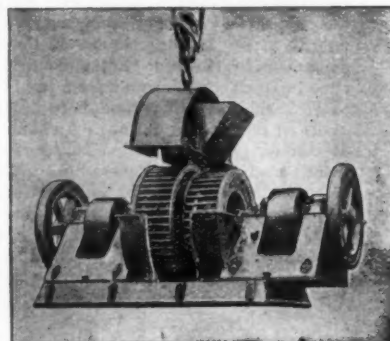
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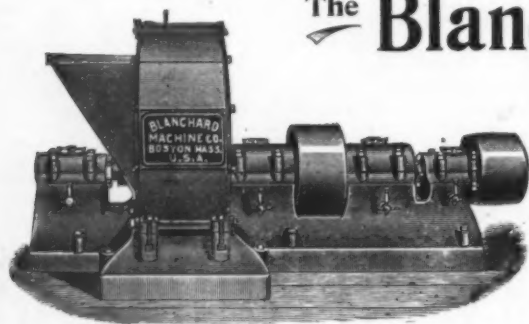
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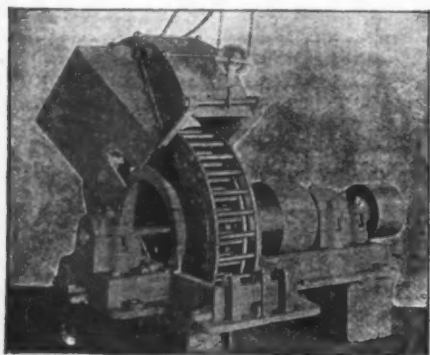


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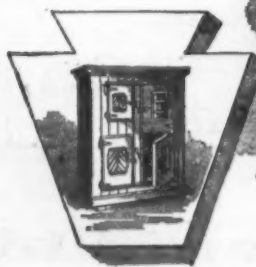
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# **PROPOSED ANTI-OLEO LEGISLATION IN ENGLAND.**

The following are the principal recommendations regarding the sale and manufacture of margarine made by the select committee of the English House of Commons, which was appointed to inquire into this industry:

1. That in districts other than country boroughs, where the local authorities fail to put the acts in force, the County Council should, by their own officers, take samples for the purposes of the acts.
2. That in connection with the sale of mixed articles it should be obligatory upon the vendor to supply the purchaser with a label setting forth that the article is mixed.
3. That the statement of admixture on labels should be legibly and distinctly printed and so as not to be obscured by other printed matter, and that existing labels should be subject to the proviso mentioned in the concluding paragraph of the section of this report headed "Labelling and sale of mixed articles."
4. That, subject to the limitations indicated in the report, invoices and equivalent documents should have the force of warranties in the cases of all articles to which the Sale of Food and Drugs acts apply.
5. That the Commissioners of Customs be authorized to examine and take samples of all food imports at the port of entry with a view to subsequent action, as indicated in the body of the report.
6. That dealers who obtain supplies of foods from abroad should be required to submit to the Customs guarantees of purity given by the foreign vendor, together with evidence that they have taken measures to see that the goods are such as they are guaranteed to be.
7. That retailers should be empowered to refuse to sell an article otherwise than in a manufacturer's unopened labelled tin or packet.
8. That the powers of Section 3 of the Sale of Food and Drugs Act Amendment act, 1879, as to the taking of samples of milk in transit, should be extended to other articles.

9. That the maximum penalty for refusal to sell a sample to the authorized officer be increased.

10. That the division of the sample after purchase and delivery of a portion to the vendor should be compulsory.

11. That samples should be divided into four instead of three parts, and that one of these parts should be at the disposal of the wholesale dealer.

12. That the provisions of Section 5 of the Margarine act, 1887, as to the exemption of an employer from penalty in certain cases, and punishment of an assistant, should be extended to offenses under the Sale of Food and Drugs acts.

13. That it should be obligatory upon the magistrates or court to refer articles to the Government Laboratory for analysis when such course is desired by either of the parties to the case.

14. That a defendant who proposes to rely upon the warranty defense should be required to intimate this to the prosecutor within a reasonable time of the service of the summons.

15. That the time allowed for appeal to quarter sessions from the decisions of local justices should be extended from three to fourteen days.

16. That any person guilty of a second offense under the Sale of Food and Drugs acts should be liable to a minimum penalty of £5, and that in respect of the third or subsequent offenses under those acts and the Margarine act, 1887, the punishment of imprisonment without the option of a fine may be inflicted at the discretion of the magistrates or court.

17. That magistrates should be authorized to make orders, at their discretion, requiring a person convicted of offenses under the acts to publish a notification of his conviction in the public press of the locality where the offense occurred.

18. That the definition of the word "food" as used in the acts should be amended so as to include expressly all articles intended to enter into or be used in the preparation or flavoring of food.

19. That an authority should be constituted who should act as a court of reference upon scientific and other questions arising under the acts, and who should be empowered, at their discretion, to prescribe standards and limits of the quality and purity of food.

20. That candidates for appointment as public analysts should be required to produce evidence that they possess the requisite

knowledge of analytical chemistry, in the shape of a diploma or certificate given in respect of such knowledge by a recognized school of chemistry or scientific examining body, and that in the case of candidates other than duly registered medical practitioners specific tests of the requisite knowledge of microscopy and the bearing of adulterations upon health should be prescribed.

21. That the remuneration proposed to be given to a public analyst should be subject to the approval of the central authority.

22. That the artificial coloring of margarine to resemble or imitate butter be prohibited.

23. That the mixing for sale of margarine and butter be prohibited.

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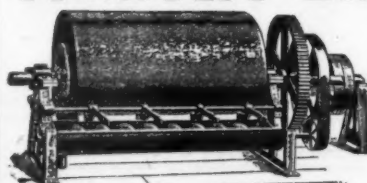
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**MINNESOTA BEEF.****RESULT OF AN EXPERIMENT IN FATTENING STEERS.**

Minneapolis, Minn., July 30.—A finely finished lot of steers, fattened at the University State Farm were for sale in June in the dressed dressed form in the shambles of the Twin Cities. The entire lot was sold by Col. W. M. Liggitt, director of the station, to W. E. McCormick, of St. Paul. Speaking of the experiment made at the farm, Prof. Thomas Shaw said:

"These animals, some 20 head in all, are two and three years old respectively, the major portion of them being nearer two years than three. They were all Minnesota bred. The average live weight was about 1,250 lb. This, when we consider the large proportion of two-year-olds among them, is an excellent showing, but it is not nearly so good as Minnesota can do. The day is near when many of the cattle reared in our State for the blocks will weigh 1,300 lb at two years, and when that day comes, the citizens of our two great cities will have beef to eat that will not be excelled by any in the world."

The steers were grades of the Shorthorn, Hereford and Galloway breeds, respectively. Some of them were fed to determine whether a moderate or heavy meal ration is the best in a prolonged period of feeding. Others were fed to show the relative value of different foods in fattening and yet others to test the value of oil cake as a finishing food, when fed in large quantities along with ground corn.

This year again it was found that steers fed an average of 10 lb of meal per day during the entire fattening period make at least as much gain during the five months of the experiment as those fed an average of 14 lb per day. The feeders of the State use much larger quantities of food, as a rule, hence the inference that much of the food thus used must be wasted. In other words, when animals are being finished they will take more concentrated food than they can properly digest if it is fed to them. It was also found that a free ration of oil-meal and corn produced extraordinary gains for a short period; that is to say, for about 70 days, but that if continued much longer than that period named the animals begin to get shaky on their limbs. In other words, they could not be carried

much longer than 70 to 80 days without a modification of diet.

The greatest difficulty encountered in finishing the steer was the poor quality of the fodder fed. From the beginning to the end of the experiment the hay was of an exceedingly poor quality, though purchased at different times and from different individuals. It had been burned up, so to speak, in the curing; that is to say, it had been allowed to lie so long exposed to the influence of the sunlight that it had been turned into what might be fitly called indifferent straw. Hundreds of thousands of dollars are thus lost every year to the State. Our climate is usually so admirably adapted to curing fodder that the farmer has been thrown off his guard. To save labor he allows the sun to do what should be done by the wind. He allows the sun to cure his fodder wholly before it is raked, which is a woful mistake. With good hay our steers would have made admirable gains. They made good gains, however, in spite of the poor hay.

Mr. McCormick informs me that the cattle dressed out extra fine. They are the best bunch of cattle, he says, ever killed at South St. Paul, as every one who saw them agreed on that point. This statement almost makes one throw up his cap and call out three cheers for Minnesota, for these steers were all reared in our State, and Mr. McCormick is certainly deserving the thanks of our citizens. He bought those steers that the people of the Twin Cities might have a chance to get a taste of Minnesota beef, killed and dressed in our slaughter houses, rather than in those of Chicago. And he paid a higher price for them relatively than could have been obtained for them in Chicago.

And so it ought to be. That our citizens have to buy meat that has been sent to Chicago, slaughtered there and brought back again, is all wrong. It is an anomaly in trade that should be remedied at any cost. Right here is the place to dress our meat, and not in Omaha, Kansas City and Chicago. Minnesota citizens should see to it that Mr. McCormick is encouraged in thus trying to build a dam across a stream that is bearing away all our best meat to Chicago. We fed lambs last winter for Twin City eaters. They were one of the best lots of lambs ever reared in Minnesota, and yet Chicago got them. We fed the steers also for Twin City consumers. Thanks to Col. Liggitt and Mr. McCormick, Chicago is not going to get them. They are going to be put to their rightful use.—Twin Cities.

**FOREIGN ITEMS.**

The Co-operative Meat Supply and Universal Provedoring Society, Limited, has been registered in Australia under the provisions of the Provident Societies act, 1890.

The Wanganui (Australia) Freezing Co. have decided upon the purchase of extended plant, to be in order by next season, when 1,200 sheep and upward per day are likely to be put through.—Ex.

The North Queensland Meat Export Co., Alligator Creek, N. Q., have declared a dividend at the usual rate of 8 per cent. per annum. The works are likely to commence operations for the season at an early date.—Ex.

The Canterbury (N. Z.) Frozen Meat Co. have added to their Belfast factory a Hercules triple expansion machine, the only one in New Zealand. It has just been started successfully, and materially adds to the capacity of the works.—Ex.

There are a number of butchers in Denver, Col., who have neglected to pay their annual license fee of \$20 into the city treasury. The license department is anxious that the delinquents should attend to the matter at once, or else they will find themselves defendants in a police court proceeding.

At the last regular meeting of Beef Boners' Union, Kansas City, the following officers were elected for the next six months: President, William Moran; vice-president, Joe McCormick; financial secretary, Charles Duerig; recording secretary, R. P. Hardy; treasurer, John Daly; inside guard, P. Collins; outside guard, William Pollock.

A branch of the Butchers' National Protective Association has been organized at Chattanooga, Tenn. The following officers were elected: J. F. Newton, president; J. B. Cameron, vice-president; Sol Bergerheim, secretary. The following were made trustees: John Shamotulsky, W. B. Walker, T. S. Jones, Will Beviles.

**FERTILIZER.**

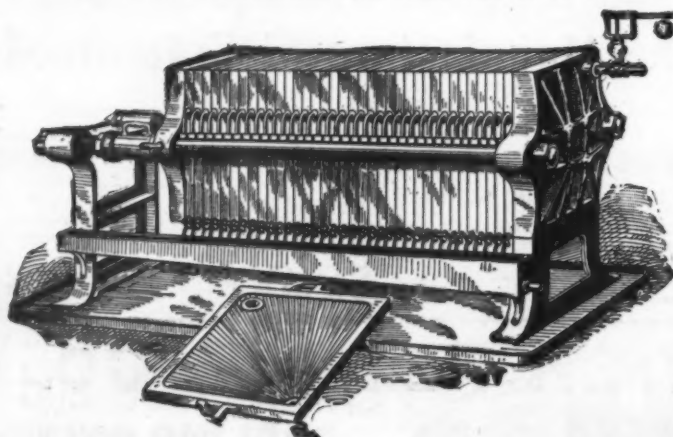
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## TECHNICAL. MANUFACTURE OF GLUE

The following articles on the above subject have appeared in "The National Provisioner" on the dates named:

- APRIL 25, 1896—"Points on Glue Making."  
 " " " "About Liming of Glue Stock."  
 MAY 2, " " "About Glue Stock."  
 " 9, " " "Glues for Various Purposes."  
 " 16, " " "Waste of Glue Material."  
 " 23, " " "Points About the Water for Glue Factories."  
 " 30, " " "About Nettings for Drying Glues."  
 JUNE 6, " " "About Coloring Glue."  
 " 13, " " "Clarifying Glues."  
 " 20, " " "Glue in Coolers."  
 " 27, " " "About Drying of Glue."  
 JULY 4, " " "About Bone Glue."  
 " 11, " " "About Raw Material for Making Gelatine."  
 " 18, " " "The Leaching of Hard Bones and Horn Piths."  
 " 25, " " "How to Economize Acid for the Manufacture of Gelatine."  
 AUG. 1, " " "Cooking of Gelatine."  
 " 8, " " "Utilization of By-Products from the Manufacture of Gelatine."  
 " 22, " " "The Temperature for Cooking Glue."  
 " 29, " " "About Isinglass."

### PREPARING BONES FOR COOKING.

The shins, knuckles, jaws and skulls come directly from the slaughter house into the cook room, while the thighs, buttocks and blades are brought from the cutting room.

The head after being taken from the animal has the tongue removed, the flesh covering the lower jaw is then pushed back and the lower jaw pulled from the head by means of a lever. Any meat adhering to the lower jaw is then trimmed off and they are then passed on to the sawyer, who saws slits into them at each end in order to make an opening into the marrow so that the grease can cook out well. The skull is trimmed of all meat adhering to it, when it is passed on to the sawyer, who removes the horns and then saws the skull longitudinally from the back of the head to the snout. It is not sawed into two parts, but sufficiently that when it is cooked it will come apart, and thus facilitate the meat, brains, etc., in the interior coming out. The method spoken of is not pursued by all; some cook the head without sawing them, while some crush both heads and jaws in the green state before cooking to facilitate cooking. Any of the methods is quite satisfactory, and the one to be pursued is more a matter of equipment and facilities than anything else.

The feet are cut from the cattle in the slaughter house and then taken to the cook room. They are then washed with water to cleanse them and the sinews are removed. The washing at this stage cleans the sinews and also washes the manure and slaughter house dirt from the feet, insuring cleanliness in the neatsfoot oil. After the sinews are re-

moved the ends of the shinbones are sawed off, producing the knuckle bones. The ends should be sawed off far enough down the bone to leave a good clear opening, so that the marrow can cook out easily, otherwise there is liable to be damage from greasy bones. The bones should have a clean cut edge without being ragged or rounded off by breaking. This can best be effected by having a skillful sawyer and a good saw. The part containing the hoof and knuckle is then immersed for a short time in a bath of hot water and the hoof is removed by the "batching" machine. The hoof and knuckles are then ready for cooking.

The thigh, buttock and shoulder bones come from the cutting room. The sides or quarters of beef are taken to the cutting room when the meat is removed from the bones. The ends of the bones are then sawed off, making an opening for the removal of the marrow. The same precautions are to be observed here as with shinbones in regard to clean sawing. Some then punch out the marrow of the bones, while others leave the removal of the marrow altogether to the cooking. The joints or ends that are sawed off are cooked under pressure, and go into steamed bone. The cleaner the bones are handled and the less they are allowed to lay around the better will be the results obtained. Bones which are allowed to lay around with meat, etc., adhering to them are liable to come out with discolorations on them, producing an inferior or off grade of stock, so that in preparing the bones for the cooking vats the greatest possible cleanliness and despatch should be used.

The next article will treat of the cooking of the bones.

### SOAP MAKING.

(Continued.)

No. 7.

#### EXCELLENT RESULTS OBTAINABLE FROM A COMBINATION OF ROSIN SOAP AND PURE TALLOW SOAP.

This is accomplished—the introduction of the glauher salts—in the proportion of about 680 pounds to each ton of rosin. After the introduction of the glauher salts the steam should be turned off to permit of the concentration of the soap. When this has been secured the boiling operation is continued, the salts being thoroughly incorporated with the rosin, and maintained until a product is formed which exhibits a fair consistency. This latter may be determined by simple and practical tests which consist of taking a sample at regular intervals from the boiling mass which, when cool, should feel dry and non-adhesive to the finger. It is estimated that every ton of rosin should produce about two tons of rosin soap. The exact cost of a batch of this class of soap may be, of course, arrived at by computing the price of the ingredients and the slight expense of labor involved.

Having proceeded thus far, consideration must be next extended to another preparation, which at this point must be in readiness. This secondary pan of soap which should consist of pure tallow, must be in readiness to mix with the preparation already described. Especial care becomes essential in the sapon-

fication of this latter batch, otherwise the entire preparation will prove a failure. Every practical soap maker knows the necessity of adopting extreme precautionary measures to insure a thorough saponification when tallow alone is used. The arrangement should be such that this latter batch should be sufficiently advanced in its treatment, that it should be ready for the cleansing operation the day succeeding the finishing of the first, or rosin pan; sufficient time for settling should supervene, so that at the time desired both batches may be ready for amalgamation. The pure tallow soap and the rosin combination are now mixed in the desired proportions. The results obtained as a consequence of this intermixture, which we may fix at the respective proportions of two parts of rosin to one of the tallow soap, are somewhat surprising.

Take a soap frame having a capacity of 1,500 pounds and containing the foregoing ingredients in the proportions specified, that is, 2 parts of rosin soap to 1 of tallow soap, together with the glauher salts, a very excellent soap containing 60 per cent. of solid matter will be produced. The general aspect of the finished product will prove decidedly inviting, while its working properties, as subsequently determined, will prove of a high order of excellence. The color of the soap resembles the most delicate pale varieties, while its consistency is attested by its set hardness and firmness generally. In England this make of soap is cut into pounds, stoved and stamped, forming an attractive exterior, but what is of greater import, its intrinsic value as a soap is enhanced, commanding for it a ready sale. It may be said of this special make of soap that it is superior to anything of its class, judged from the standpoint of cheapness in manufacture and results generally.

At this point it will be opportune to observe that for the work outlined in the last few sentences of this treatise, the improved soap frame of H. Wm. Dopp & Son, the well known soap machinery manufacturers, of Buffalo, N. Y., is deserving of special notice. The standard sizes, as made by this enterprising firm, range from 500 to 1,800 pounds. The sides consist of No. 10 sheet iron, heavily braced with angle irons so that there can be no bulging nor buckling of the sides. The ends are attached to the bottom in such manner as to be easily detached. The whole is firmly bound together by hinged rods provided with fly nuts, as illustrated. The frames can be set up or knocked down in a few moments. Two bottoms are supplied with each set of sides or ends, so that the soap can remain on the bottom for cutting, while the other bottom and frame are ready to receive a fresh charge of soap.

Many soap makers prefer the frames without wheels, handling the frames on specially constructed trucks, for the construction of which special make this firm has achieved a wide reputation. The dimensions of the smaller, or 500 pound frame, is 14 inches wide, 36 inches inside length, and 33 inches in height, while the larger, or 1,800 pound frame, is 14 inches wide, 72 inches inside length and 50 inches in height.

Concerning the soap the manufacture of

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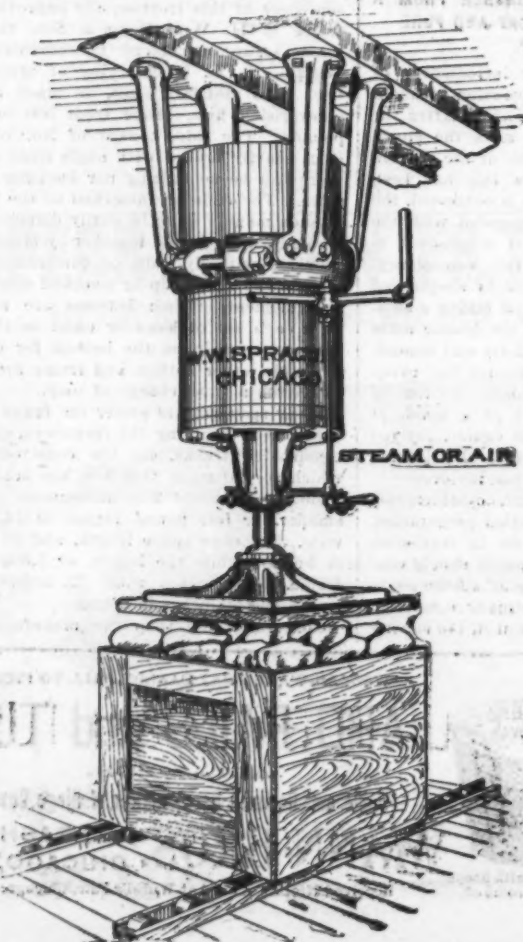
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## TECHNICAL.

which we have described, a drawback may be encountered in the technical details, which it is well to refer to. In this connection we abstract from the diary of a prominent authority the following: "The drawback, which may be coincident with this form of manufacture, is purely a mechanical one. It consists in the soap working thick, which will in consequence not travel readily from the crutcher to the frame, if it has any length to travel and if the fall is not sufficient. However, even although hand-crutched, or, say, that it had to be ladled by hand into the frame, the cost would not be appreciable, probably a few cents per ton." It is, therefore, evident that this drawback is of a trivial character, and at a significant expense readily overcome.

In this, as in certain other makes, the cuttings from the soap will require remelting. It has been demonstrated that a soap made in this manner will give more satisfaction in working, when containing a large preferably to a small proportion of rosin soap, a circumstance which may be looked upon as an anomaly.

(To be Continued.)

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## ABOUT HORNS AND HOOFS.

To separate the horn from the pith is it only necessary to cook it for about ten minutes. The hot is then replaced by cold water to cool the horns and make their handling easy. A heavy stroke of the horn on iron, or vice versa, will cause the pith to fly out. It is very important that the horns should be cooked just right. If not cooked sufficiently the piths do not get loose, and it requires hard hammering, whereby the horns may be seriously damaged. If overcooked the horns have a yellowish color and are liable to crack, and, of course, are seriously damaged. After the horns are "slugged" and allowed to become air dry they are sorted into steer, cow, bull, stags, stumps and useless horns. The steer horns are the most valuable and comprise all which have a smooth surface on the outside as well as the inside. Their weight is small, considering the size of the horns. The steer horns vary in the average from 40 to 100 pounds per 100 pieces, and are named according to their weight, hundred-pounders, eighty-pounders, sixty-pounders, etc. They are all classed as No. 1 horns. All steer horns averaging below 40 pounds, and cows, bulls, stags and stumps are what the manufacturers call No. 2 horns. Cow horns, as a rule, are rough horns, so sometimes two grades are made, dividing them into rough and smooth. Stump horns are horns of all grades, but the tip is either off or badly damaged. Stags are horns of a rough nature weighing about two pounds apiece. Mexican horns are very much like stags, weighing about one and one-half pounds per piece; their tips ordinarily being useless.

The general Mexican or South American horns are rough all the way through, and not wanted at any price by the manufacturers of bone goods, and have only a value as fertilizer material. Under useless horns we classify all misshaped and overgrown horns. Horns will shrink as much as 12 per cent. from their original weight, and must be stored in a cool place. If lying in too warm a room, they are liable to get brittle on the wide end, which means a great loss to the manufacturer. If left long in a wet place horns are liable to get mouldy, and may, therefore, be rejected.

The system of dehorning of cattle is practicable in breeding, and is practiced to a very great extent, and consequently horns have been growing scarcer and scarcer within the last few years, and yet the price has been going down. The manufacturers are using now a condensed celluloid and similar compositions for horn substitutes, and consequently the prices of horns, in spite of the very much reduced supply, have been downward.

Horns are cut and pressed into place and worked into bone buttons, etc. Horn piths are used for cane and umbrella handles, tobacco pipes, etc. The offal of bones is worked up into hoof meal, which is a yellowish fine batter containing 18 to 19 per cent. ammonia, and is not as valuable a fertilizer as blood, hoof meal requiring a longer time than blood to decompose and leave its nitrogen in an assimilable form.

The greatest part of the horns produced in the United States are consumed here. Very few of them are exported. Only very large horns (Hungarian) are imported for ornamental purposes. The Australian horns have, however, a good opportunity to com-

pete successfully with our home product.

To loosen the hoofs from cattle feet they are cooked for about ten minutes and the hoofs are then punched off with a hatch machine. It requires some experience to cook the feet properly so as to remove the hoofs easily without exposing them too long to the action of hot water; however, this cooking requires less care than the cooking of horns. Hoofs are assorted into three grades, white, black and striped. The white hoofs are the most valuable, and are exported exclusively to China, where they are used in the manufacture of pearl imitations. Striped and black hoofs are used for combs and heavy buttons. Hoofs should be stored in a cool, dry place, for the same reasons as in the case of horns. Hoofs are required to average about 24 pounds per 100 pieces, which includes all yearling and calf hoofs. The offal of hoofs goes into hoof meal, just as the offal from horns does, their chemical nature being very much the same. Hoofs do not give any glue, even if boiled for twenty-four hours.

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On a recent trip to Dayton, O., I visited the factory of the National Cash Register Co. I secured a pass with no difficulty and was escorted through this immense concern.

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Among the many unique departures from the ordinary methods of conducting business the most interesting is their department of business systems. Under the charge of a competent expert the members of this department devote their entire time to devising new and simple systems for taking care of the transactions in retail stores, especially those which occur in the ordinary business of a meat market.

When passing through this department I was furnished with copies of handsomely printed pamphlets describing several different systems for meat markets. These pamphlets I understand are furnished free upon application. (Signed) X. Y.\*\*\*

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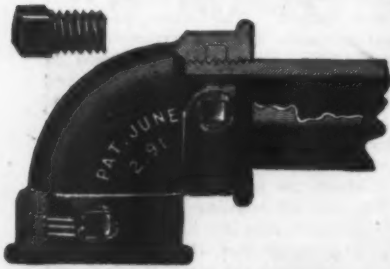
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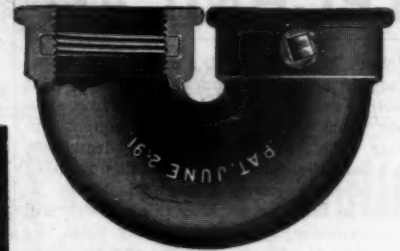
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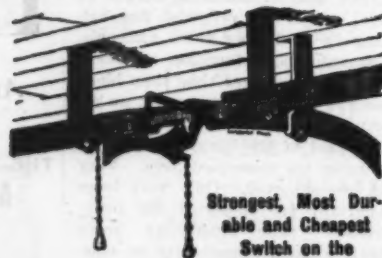
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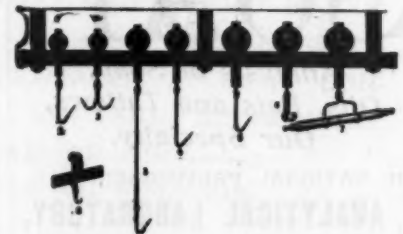


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When to Put In.—Temperature of Room and Hogs.—Reduction of Temperature.—Lowest Temperature Permissible.—How Long to Hang Therein.—Watching the Temperature.—Proper Insulation of Chillrooms.—Artificial Refrigeration Prevents Sour Meats.—Where to Place Brine Tanks.—How to Run the Pipes.—Necessity of Reliable Men in Taking Temperatures.—Closest Attention Necessary.—Necessity of Competent Men.—Advantages of Thorough Mechanica.—Who Should Attend to Insulation.  
**Cutting of Hogs.**  
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**TABLE SHOWING AVERAGE Weights of Cuts, Meats, and LARD YIELDED by Live Hogs of 110 to 450 lb. (This table alone is worth the price of the book to every packer.)**  
**Packing and Shipping Meats.**  
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**Domestic Packing and Shipping.**  
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**Tables of No. 1 BOX AVERAGES Export Meats.**—No. 2—Tierce Averages at \$30 lb. No. 3—Table of Convertible Values for Provision Exports to Great Britain.  
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**TIERCES.**—Formula.—Bellies in Tubs.—Another Formula (also good for California Hams, New York Shoulders, etc.).—First-class Cures for Light Bellies for Breakfast Bacon, No. 1.—How to Handle Meats Under this Formula.—Time Necessary for Curing.—Pickle Tests.—Pickle Tanks.—How Low Pickle May Be Drawn from Tanks.—Look Out for Rats.—Tierces.—What Weight of Different Cuts to Pack into Them.—Barrels.—Half-Barrels.—Kegs.—Gain of Weight in Pickle.—Loss of Strength in Pickle.—Do not Use Pickle.—Avoid Pickle.—Soaked Meats.—How to Keep Meats "Alive."—Roll All Pickled Meats Well.—Maintaining of Temperature.—"Dry" Method of Curing Tierce Meats.—WESTPHALIA HAMS.—Formula and manner of making them fully explained.  
**American Dry Salt Meats.**  
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**Smoke Department.**  
Various Theories in Reference to Hot Method of Smoking Refuted.—Cold Smoking.—Quick Smoking.—What is Necessary in Order to Make Meats Which Will Stand Handling.—How to Fill the Smoke-House.—What Precautions to Take.—What Kind of Fire.—How Long.—Let Your House Cool Off.—What Wood to Use.—About the Use of Sawdust.—What to Use to Give the Meat Better Appearance, and to Prevent Flies from Touching It.—Washed Meats.—Temperature of Water.—What to Mix With It.—What the Stringer Has to Do.—Usages in the British Islands.—Meat-Washing Machines.—Apparatus in Bacon Shops in England.—To Make them Look So.—Room for Improvement in the Handling of Smoked Meats.—Improved Methods Compared to Former Years.—Smoking in Summer.—Do not Handle Meats Any More than Necessary.—Do not Pile Smoked Meats.—Why.—Several Good Points.—About Handling Before Canvassing.—The Use of Borax Before Papering.—Advantages of Parchment Paper Over Straw Paper.—Canvass and Yellow Wash.—How to Yellow Wash 2,500 Hams.—What to Use.—Protection of Smoke-House and Canvassing Room.—Ventilators, Doors and Windows.  
**PICKLE CURED MEATS.**—How Long to Soak in Winter.—In Summer.—Fully Detailed.  
**DRY-SALT CURED MEATS.**—How Long to Soak in Winter.—In Summer.—Fully Detailed.—Shorter Time with Running Water.—Putting Meats in Soak Vats.—How Full the Vats Ought to Be.—Advantages of Creating a Current.—Most Economical Arrangement for Soaking Meats.—Detailed and Explained.  
**Sausage Department.**  
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Sausage.—Beef Sausage.—German Bologna Sausage.—Ham, Chicken and Tongue Sausage.—Oxford Sausage.—Frankfort Sausage.—Hosel- wurst.  
**Tank Department.**  
Importance of this Department.—Description of Tanks and Capacity.—Size of Manholes.—Location of Same and Water Pipes and Lard Cocks.—How to Set Up a Tank.—To Avoid Loss of Life and Property.—Operation of Tanks.—How to Fill, and When.—What to Do When Tank Gets "Flashed" in Cooking.—How Long to Cook.—How Much Time to Settle.—The Use of Salt in Tank.—Drawing to Cooler.—Pumping Through Filter Press of Separator.—Necessity for Quicker Cooling.—Difference in Temperatures Between Lard Drawn to Tierces and Lard Drawn to Tins.—How to Facilitate the Draining of Tank Water.—Cleaning of Coolers.—Vats and Catch Basins.—Making of "Stick."—Pressing Refuse from Tank Water.—Saving Lard from Tank Water.—What to Do With Refuse.—Tight and Open Jacket Kettles.—How to Operate Each of Them.—How Long to Cook, and Under Which Pressure.—The Use of the Hammer and Agitator.—Neutral Lard.—How and Where it is Made.  
**PRIME STEAM LARD.**—What It Should Be Made of and How Rendered.—"Killing" and "Cutting" Lard.—How to Mix.—Wash Your Gut Lard.—Which Agent to Use in Bleaching and Purifying Rejected Lard.—In Which Proportion.—How to Recook Same.—Another Method.—Another Recipe.—Kettle-Rendered Lard.—Neutral Lard.—Kettle-Rendered Lard.—How to Make It.—Stearine Tests.—Yield of Lard Pressed for Oil.—Refined or Compound Lard.—What It is Composed of.—Method of Manufacture.—White Grease.—Brown and Yellow Grease.—Pig Fat.—Feed- Utilization as White Grease, if Not Used for Gine Stock.—Where the Grease Can Be Used.—THE MELTING POINT OF LARD.—An interesting Article on the Subject.—The Melting Point no Indication of Purity.—Methods of Determining It.—Difference of Melting Points of the Different Parts of the Animal.—Difference in Prime Steam Lard and Jacket Kettle Lard.—Disadvantages of Trying to Get Too Much of a Yield.—To Avoid Dark Colored Lard.  
**Gut and Casings Department.**  
Its Importance.—What is Paid by Dealers to Packers.—Variation of Prices.—Handling of No. 1 Guts.—Percentage of Good Guts.—Advantage of Handling Guts in the Packing House.—Handling of Bung Guts.—Salting, Drying, Packing.—Points of Interest.  
**CASINGS.**—Soaking, Cleaning, Salting.—Quantity of Salt Allowed.—Yield per Hog.—Calculating Profits for Casings Department, 4 Months' Killing, 2 Examples.—Advantages to the Packer.  
**Fertilizer Department.**  
Dried Blood.—Concentrated Tankage or "Stick."—Percentage of Phosphate, Moisture and Ammonia.—Sample Analysis of Dried Blood, Concentrated Tankage.—No. 1 Ground Tankage.—Raw Bone Meal.—Ground Steam Bone.—Value of Dried Blood as a Fertilizer per Unit and per Ton.—Concentrated Tankage No. 2.—Ground Tankage.—How Manufactured, and What it Contains.—Raw Bone Meal.—Ground Steam Bone.  
**IN ADDITION to the above there are 7,000 NAMES of the following branches of the trade, wholesale trade, only:**  
**Pork and Beef Packers.**—Wholesale Butchers and Slaughterers.—Wholesale Dealers in Meats.—Wholesale Provision Dealers.—Lard Renderers and Refiners.—Oleomargarine and Butterine Manufacturers.—Tallow Renderers and Dealers.—Provision Brokers and Commission Merchants.—Cotton-Seed Oil Manufacturers and Refiners.—Sausage Manufacturers (Wholesale and Retail).—Fertilizer Manufacturers and Dealers.—Soap and Candle Makers.

Any intelligent reader will see that this book is an absolute necessity to every progressive packing-house, and that each chapter in the book (which is written by experts), is fully worth the price of same, viz: \$10. It should not be missed in any packing-house, slaughter-house, rendering plant, sausage factory, soap or fertilizer works, cotton oil mill, or any other establishment connected with or allied to the great meat and provision industries of the United States and Canada.—Send us your order.

**The National Provisioner Publishing Co.,—Directory Department.)**  
**ROBERT GANZ & CO., Proprietors, 617-618 Manhattan Building, Chicago. 284-286 Pearl Street, New York.**



617 to 618 Manhattan Building, Chicago.

# PACKING HOUSE NOTES.

*Manufacturers of machinery and fixtures interested in these notes, should also consult the items under Ice and Refrigeration, and other trade news columns in this paper.*

*Employers in want of help, and employees in search of positions, and such wanting to dispose of machinery or desiring to purchase same should look at our WANT AND FOR SALE COLUMN on page 46.*

\* Mr. Thomas Lipton returned to England by the Lucania last Saturday.

\* Nelson Morris & Co.'s new branch at Wilkes-Barre, Pa., has been opened with A. L. Stanton as manager.

\* Hall & Co., of San Bernardino, Cal., will represent the Colorado Packing Co., of Denver, Col., in the latter city.

\* A company is being formed at San Bernardino, Cal., to open up a wholesale packed meat agency, obtaining meat from Kansas City in carload lots.

\* C. T. H. Thee's slaughter house, at 1403 Rockingham road, Davenport, Ia., has been destroyed by fire. Kohr & Zoekler's and the Kuch packing houses close by had narrow escapes.

\* The Minneapolis Provision Co., Minneapolis, Minn., has made an assignment to E. C. Cooke. The business was started in 1884 by James A. Byrnes, who incorporated it in 1891 with a capital stock of \$200,000.

\* Major & Eldredge, pork packers and provision merchants of Vancouver, B. C., have failed. The firm did a large business upon a limited capital, and dull times have caused difficulties which forced them to suspend.

\* Mr. Carey Libbey, formerly with Swift & Co., has taken the management of the Holmes Cold Storage and Provision Co., of Holyoke, Mass., and is getting into harness in his old-time form, as things seem to be moving and hustling in Holyoke at present.

\* Sealed proposals for bids will be received at the Warden's office, Utah State Prison, Salt Lake City, until noon Wednesday, Sept. 9, 1896, for about 35,000 pounds steer beef, consisting of whole forequarters and short forequarters, also flat rates on better cuts, such as steak, veal, mutton and pork, prices to be placed on whole fores, short fores and better cuts respectively, to be delivered in Salt Lake City. The quantities named are an estimate for one year commencing Oct. 1, 1896; all supplies to be delivered as required, and subject to the approval of the Warden. Bids to be opened by the State Board of Corrections at the Warden's office Sept. 9, at noon. The board reserves the right to reject any or all bids. Bills for supplies furnished will be paid monthly. Mr. Geo. N. Dow is Warden.

\* Union Meat Co., of San Antonio, Tex. Capital stock, \$30,000. Incorporators, J. A. Gallagher, of San Antonio; Ben Campbell and Robert E. Paine, of Houston, previously mentioned in this column. This corporation has been formed for the purpose of engaging in and carrying on the business of buying, selling and slaughtering cattle, sheep, hogs and all other kinds of live stock and dealing in all products incident thereto, and canning, curing and packing meat, and in the manufacture and sale of ice and the general refrigerator and cold storage business and in buying and selling of goods, wares and merchandise of kindred description usually dealt in in connection with each branch of the above mentioned business, and to buy and sell at retail any of the above mentioned articles and to buy and sell all material incident to the conduct of said business, and loaning and advancing money on all classes of live stock.

\* More stringent rules are going to be adopted by the San Francisco, Cal., Board of Health to regulate the slaughter and sale of meat. It has been known for some time that

cattle afflicted with tuberculosis are being slaughtered and smuggled into the markets of that city and sold, and it is to prevent this that new regulations are to be put into effect. Under the present regulations and with the small force of inspectors at the command of the Health Department it has been impossible to prevent such frauds. Chief Market Inspector Ben Davis, who has been giving the subject his earnest attention, has formulated some rules that he thinks will prevent to a large extent, if not entirely, the slaughter and sale of animals which are unfit for food. His suggestions have been submitted to the Board of Health and will be considered by the latter at its next regular meeting. Heretofore the custom has been to saturate with coal oil every carcass condemned to prevent it being sold for food. This plan was found unsatisfactory, because insurance companies objected to the increased risk of fire through the use of the oil, and besides it was found that the odor from the oil when used about the slaughter houses tainted the good meat. At the request of the butchers the use of coal oil will be discontinued, and a system of tagging adopted that will serve as a perfect check and prevent the unlawful use of condemned beef. The greatest check on the butchers, it is claimed, will be in limiting the hours of killing from 7 o'clock in the morning until 5 o'clock in the evening, prohibiting and punishing by a heavy fine the slaughtering of animals at any other time. It has been suspected for some time that some of the butchers were slaughtering cattle during the night time and sending them into market before the hour for the usual inspection by the health authorities. Inspector Davis has discovered that beef heart and liver are being sent to market while they are still warm and unfit for food. He recommends that the board adopt a rule requiring that such portions of the beef be kept at the slaughter houses for at least twelve hours after the killing.

\* Armour & Co. addressed the following letter to the Chicago "Tribune" last week: "There seems to be a good deal of unnecessary hesitation in business affairs just now. Of course the contingency of the silver people winning in November is a factor in present calculations, but we do not regard this at all probable. Assuming that McKinley will be elected, we can see nothing to warrant the pessimism now so prevalent. All business affairs have by this time been boiled down to hardpan. There is little or no room for shrinkage in values after two or three years' continuous depression. Credits have been sifted and there are less doubtful accounts on the books of the trade everywhere than perhaps ever before. We, of course, can see nothing upon which to base any immediate expectation of unusual activity. Years when presidential elections occur are always unfavorably affected from a business standpoint. And, besides this, the issues this year are of much greater moment than usual, and there is hesitation and distrust. While this conservatism is desirable, it may, we think, be carried too far. In our own business prices of all products could not well decline from the present range. Everything is lower than for a long time past, and many are lower than they have even been. This shrinkage is attributable partly to large supplies and partly to restricted consumption. We are great believers in the hard, common sense of the American people. We believe when the pending issues are fully weighed, and when in November the people express themselves at the polls, that the policy for which McKinley stands will win. This will remove the dread that now prevails among business men, and new confidence will stimulate enterprise and investment. We should never

lose sight of the untold resources of this country. Although prices are low for everything we raise, yet the time is now at hand when our cotton and grain will move out, and this means actual money to the farmers. And it means continued ease in foreign exchange and removal of apprehension of Treasury depletion. We think trade in general is on a sound basis, and we think it is time to call a halt upon despondent prediction. There is much to encourage the business man who, while wisely conservative, should not underestimate legitimate enterprise nor allow stagnation to take the place of energetic activity. We have been discounting the worst possibilities and have ignored the favorable probabilities. Let us now, upon the eve of more settled conditions, and in the light of an almost certain assurance of improvement, be ready to avail ourselves of the opportunity. We have no doubt the worst is over. Apprehension, which has almost paralyzed industry, is being dispelled, and we do not believe the American people are ready to lie down in apathetic resignation to dry rot."

ARE YOU THOROUGHLY INFORMED AS TO THE USES OF THE FILTER PRESS? THE NEW BOOK EXPLAINS THE WHOLE SYSTEM. SIGN ORDER BLANK, PAGE 19.

## ROTTERDAM ITEMS.

Rotterdam, Aug. 25, 1896.

The provision trade continues to be very lively. The demand is still improving, and is expected to last some six weeks or more. The purchases made at bottom prices will for a large part suffice to meet the current wants. Importers are expecting it very soon, and only when partly sold new purchases will be made. During the last week the offers did not command so much interest, the reason of which has been stated above. Only spot goods drew the attention which resulted in some purchases at the Antwerp market. Though the Antwerp stocks are very small, Squire's backs, which are consigned to this place in liberal quantities, sold more freely than heretofore. For the remaining portion of the year we may anticipate a more lively trade between Holland and Antwerp and Liverpool for spot goods, because the purchases on shipment from America will fall short of the demand, and within a few weeks the season will be too far advanced to buy from America, the goods which must be here before the demand comes to a standstill. It seems that Germany is coming more in the market, and at present prices we may anticipate a great many orders very soon. Stocks of old bacon there are reported to be entirely cleaned out, which puts the market in a more healthy condition. Domestic bacon is kept on hand in liberal quantities; the free selling, however, has come to a stop.

Hog and cattle receipts are keeping up in fair volume with prices well sustained. It seems the hog disease, about which I wrote last week, is not assuming larger proportions.

The oleo oil demand has been such that at advancing prices everything offered has been bought, leaving nothing of quality which can be used in the manufacture of butterine. In the beginning of the week extra quality sold at 28.50@29 florins, later at 30 florins, and at the end at 31 florins; second qualities 27@28 florins, at the end of the week even 29 florins; the total sales amount to 5,748 tcs., of which 1,100 sold on shipment. Offers on shipment were sporadic; refusals above market prices here; bids of 30 to 31 florins were refused. Butter is very firm, which firmness is reflected in better butterine prices. The shipments of oleo are assuming smaller proportions and the demand here being very good, the market closes in a very firm position, with possibly higher prices in sight. The stock amounts to only 730 tcs., and shipments 7,730 tcs., of which already has been sold.

Neutral lard also is very firm and higher; sales are small, but the stock also being not large, those who are in want of the article have to pay 30@31 florins for the choice quality.





## TALLOW, SOAP, GLUE, FERTILIZER AND COTTON OIL TRADE NOTES.

**CORRESPONDENTS, SUBSCRIBERS AND OTHERS  
SENDING ITEMS FOR THIS COLUMN SHOULD  
MAIL THEM SO AS TO REACH THE  
EDITOR NOT LATER THAN THURS-  
DAY EVENING.**

**OIL MILLERS!! DO YOU WANT TO  
ECONOMIZE AND CUT DOWN YOUR  
PRESS CLOTH BILL? YOU CAN FIND  
THE LATEST AND BEST WAY TO DO  
BOTH IN THE NEW BOOK, "THE  
MANUFACTURE OF COTTONSEED  
OIL." BETTER ORDER NOW. BLANK  
ON PAGE 19.**

Tallow renderers will find the most modern and smell-killing machinery advertised in "The National Provisioner."

William J. Stanthorpe, of the firm of Stanthorpe & Co., tallow handlers, died in Toledo, O. He was stricken during the excessive heat.

The Wisconsin Rendering Co., of Milwaukee, is having trouble with the city authorities regarding the disposition of garbage and the conduct of the plant at Mequon.

One of the industries in full operation in South Chester, Pa., is the soap factory of J. H. Witsil. This establishment, which was erected about one year ago, will have to be enlarged, as there is not room in the present building to make all the soap that there are orders for.

Among the recent acquisitions to Duluth, Minn., in the manufacturing line, is the H. R. Elliott & Co. soap factory, situated at the corner of Railroad street and Twentieth avenue west, in that city. The company has a capacity of turning out about 250,000 pounds of laundry soaps monthly and about a quarter of that amount of high grade toilet soaps.

The soap factory, machinery and stock of the Hale-Hadley Manufacturing Co., of Grafton, Mass., were sold at public auction during the week. The soap factory brought \$1,200; the sale subject to two years' taxes. Machinery was sold for \$500, a patent for making soap was sold at \$150, and the stock of soap on hand in the factory for \$1,250. Messrs. Hall and McClelland, of Grafton, who contemplate continuing the manufacture of soap there, were the purchasers.

It is said that the Cudahy Packing Co., of Omaha, Neb., which some time ago erected one of the most complete glue factories in the country, are turning out some of the highest class glue of the grades they manufacture that is in the market, giving particular attention to the matter of uniformity. The entire product of this factory is controlled by the Diamond Glue Co., of Chicago, which also recently increased its output at both the Chicago and Madison plants. It is reported that a large glue factory will be erected at Kansas City, and that the Diamond Glue Co. will control the output.

Articles of incorporation of the Little Rock (Ark.) Oil and Delinting Co. were filed in the Secretary of State's office. Dr. A. D. Thomas, W. H. Wright, George J. Low, W. H. Lockhart and J. A. Watkins are the incorporators. The purpose for which the corporation is formed is the manufacturing and refining of cottonseed oil and products thereof; ginning and compressing cotton, linting, delinting and cleaning cottonseed and manufacturing the same into articles of trade, and buying, selling, dealing and trafficking in any of the articles, products or substances above referred to; buying, selling and dealing in real estate and personal property in connection with said business; borrowing and loaning money and issuing bonds and other obligations from time to time for the purpose of the company and securing the same by mortgages, deeds of trust and other instruments, and transacting any and all other business for the furtherance of the purpose for which the corporation is formed not conflicting with the laws of the State. The capital stock of the company is \$25,000, of which \$200 has been subscribed by the incorporators, and the residue may be issued and disposed of as the board of directors may from time to time order and direct. At a meeting of the board of directors the following officers were elected: Dr. A. D. Thomas, president; W. H. Wright, vice-president; George J. Low, secretary and treasurer.

**HINTS TO PRACTICAL OIL MILLERS  
WITH REGARD TO PRESS ROOM AP-  
PLIANCES AND METHODS. ORDER  
THE BOOK NOW. BLANK CAN BE  
FOUND ON PAGE 19.**

There is a fair prospect now of Uncle Sam taking a hand in the fight against the South St. Louis Rendering Works, which for months and years have been so bitterly complained of as a nuisance by the citizens of the South Side, St. Louis. Congressman Richard Bartholdt called upon the United States District Attorney to formally ask that gentleman to immediately proceed in the United States courts against that so-called nuisance upon the ground that its existence is endangering the lives of Uncle Sam's patients at the Marine Hospital, and retarding the recovery of all of them. It should be stated in this connection that this is only the last step of a quiet movement which Mr. Bartholdt inaugurated more than a year ago. His first movement was to call upon the Secretary of the Treasury at Washington and ask him for the assignment of an inspector to St. Louis to report on the case. An inspector by the name of Zugriegel was sent by the Supervising Architect, and the inspector made a report condemning the plant in strong terms. The inspector's report was fortified by a report from the physician in charge at the Marine Hospital to the same effect. Upon the receipt of these reports the Treasury Department referred the matter to the Attorney General, and that official instructed the

United States Attorney at St. Louis to make an investigation and, if necessary, to proceed in the courts in order to abate the trouble. District Attorney Clopton took the matter under advisement, and, of course, could not proceed as long as the case was pending in the local courts. He was waiting for a decision one way or the other. The matter now being temporarily disposed of in the local courts, Congressman Bartholdt felt it his duty to remind the District Attorney of his instructions from Washington. Mr. Clopton is not in the city, and Mr. Bartholdt had a long conference with the Assistant District Attorney, Mr. Anthony, who promised to lay the matter before the District Attorney immediately upon his return. To Mr. Bartholdt's question whether Mr. Anthony could not see his way clear to institute proceedings, the latter official replied that all the papers in the case had been examined by and were in charge of Mr. Clopton, and, consequently, he would prefer to leave the matter to that gentleman himself. Mr. Bartholdt says he will do all he can through the power of the United States Government to obtain the necessary relief for the citizens of South St. Louis.

**THE NEW BOOK WILL EASILY BE  
WORTH \$10. BETTER ORDER NOW  
AT \$2. FILL UP BLANK ON PAGE 19.**

### TANKS AND PICKLING VATS.

Attention is called to the advertisement of the W. E. Caldwell Co., of Louisville, Ky., which will be found on page 12. This concern manufactures a full line of tanks and pickling vats, both in iron and wood, and makes a specialty of the article in the famous Louisiana red cypress wood, which lasts for ages. The house will be pleased to furnish fuller particulars and quotations upon application.

### CANNING MACHINERY.

Messrs. Torris Wold & Co., 11-23 South Jefferson street, Chicago, call attention on page 20 to their various machinery and general canning purposes. Their line is complete and includes dies, presses, automatic can soldering machines, and, in fact, everything pertaining to this branch of the packing industry. They will be glad to hear from readers of "The National Provisioner" at home and abroad, and to fully reply to all inquiries and furnish testimonials.

**THE FUNDAMENTAL PRINCIPLES  
OF COTTON OIL MILLING ARE NOT  
KNOWN TO EVERY ONE IN THE BUSI-  
NESS. SEE ORDER BLANK, PAGE 19.**

## SAVE YOUR PROVISIONERS!

THIS PAPER WILL BE VALUABLE  
TO YOU IN YEARS. SAVE IT! WE  
WILL SELL YOU A BINDER HOLD-  
ING 26 NUMBERS, TOGETHER WITH  
A PUNCH FOR \$1.50.

**SEND FOR A BINDER!**  
BINDERS WITHOUT PUNCHES, \$1.00.

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284-286 PEARL STREET, NEW YORK.  
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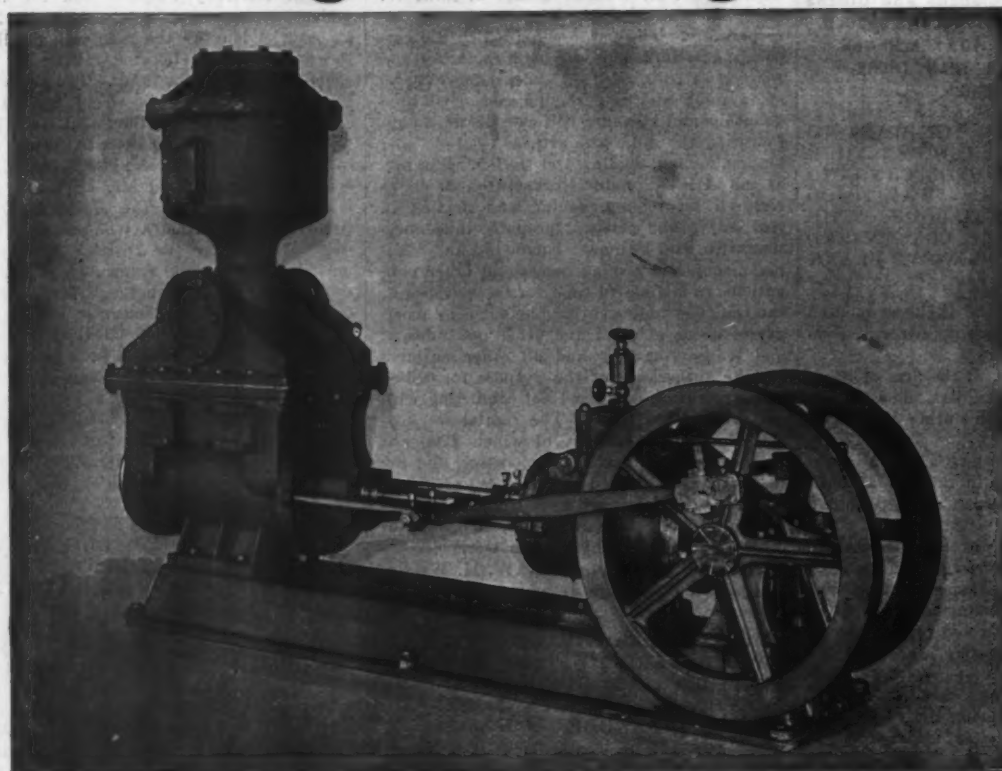
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## LIVE STOCK REVIEWS.

## KANSAS CITY

The records of the live stock market for the past week show cattle higher, hogs very steady and sheep a fraction higher.

Receipts of cattle in Kansas City past week.....						43,159
cc	cc	cc	cc	cc	corresponding week in 1893.....	39,638
cc	cc	cc	cc	cc	1894.....	50,926
cc	cc	cc	cc	cc	1893.....	47,085
Receipts Chicago, St. Lou's, Omaha and Kansas City for past week.....						133,360
Same cities corresponding week 1893.....						122,800
cc	cc	cc	cc	cc	1894.....	158,100
cc	cc	cc	cc	cc	1893.....	168,000
cc	cc	cc	cc	cc	1892.....	168,000
cc	cc	cc	cc	cc	1891.....	166,200
cc	cc	cc	cc	cc	1890.....	138,600

**Kansas City packers slaughter past week:**

	Cattle.	Hogs.	Sheep
Armour Packing Co.....	8,447	8,171	4,524
Swift & Co.....	6,816	6,145	2,906
Schwarzschild & S. Co. ....	5,542	2,146	1,146
Jacob Dold Packing Co.....	849	3,484	197
Geo. Fowler, Son & Co.....	250	4,322	
Total for week.....	21,604	24,256	8,773
Slaughter in previous week.....	19,075	27,700	5,379
" " corresp. week, 1895.....	22,400	20,969	8,322
" " " 1894.....	27,952	24,993	8,041

We must break records now and then, and on Wednesday of last week we overstepped ourselves in shipments of feeders to pastures and corn cribs of Kansas and Missouri, sending in one day 148 cars from the yards. During the week the trade in feeders has been very active; desirable native stock quickly picked up, but not enough of such, therefore the larger bulk were Western and Texas stock. The prices paid were good ranging from \$3.75 down to \$3.20, the bulk changing hands at \$3.50. Some 480 cars of feeders sent to country during week against 420 for corresponding week of 1895, and 288 cars larger than same week 1894. We fell short, however, nine cars of making the week the record-breaking one, the highest number ever going from the yards, 488 cars in one week in October, 1893, and now comes a week from dressed beef exporters—(we are ever borrowing or anticipating trouble)—"tho' the demand is now good, yet in a few weeks there will be a slump." English and Irish homefed beefs will be on the markets, and while John Bull paid 10c. to 11c. last week for American beef, it is fully expected he will patronize himself first, and, therefore, for a time give his own poor farmers a chance. We, however, get excited and envious if for two months in twelve the English control their own market. There is a scarcity of the milk of human kindness in our American composition. There was a scarcity of good well-fed fat cattle last week. Some good bunches picked up by Eastman, who paid \$4.65 for some cattle averaging 1,408lb, but did not hesitate to pay \$4.55 for some going 1,681 lb each. Several bunches were sold at \$4.45, \$4.50 and \$4.55. Some good well-finished Colorados, \$4.40-\$4.05. In all some 171 cars went for export, one year ago only 75 cars. Eastman purchased 1,355 cattle; Schwarzschild, 915; Swift, 372. Some of the other shippers of cattle for the week: United Dressed Beef Company, 238; Michael, 558; the Cudahys this week only 284 head. Mentioning Cudahy, it is noticeable that they shipped lately to Germany some thirty carloads of provisions via New Orleans. Quite a number of Western cattle received were o-

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a shady character; the beef men turned up their noses at them, refusing to call them beef, and they were just such as feeders did not consider good stuff, and so, between pillar and post, the owners had to take pot luck from the speculators, who were very busy last week in turning an honest penny. One day it would seem as if the speculators if feeders would get badly left, but small receipts next day put them on top again. Native cows and heifers are now so scarce that purchasers no longer try to purchase separately. Western cows going all the way from the 75c. canner, to the fancy \$3 kind, a good article for \$2.85. Texas cows pretty scarce, bringing from \$1.75 to the top, \$2.75, a very fair run, however, for \$2.20. Texas steers from \$2@ \$3. The receipts last week being classed as about 33,000 native and Western, a fraction over 10,300 called Texas. The highest price paid in August for beef steers, \$4.65, against the highest price of August, 1895, of \$5.75. The highest this August for feeders, \$3.85; one year ago, \$4.45. The highest this August for Texas or Indian, \$3.80 in August one year ago, \$4.75. Quite a little difference when the number of head received the past August is estimated at 158,000 for Kansas City alone. But with all that stockmen have still a fair margin to work on, taking the difference between net cost and net proceeds, it is very doubtful if any other business in the country pays as well as cattle raising when care and attention are given. The folly in the past has been to let cattle go haphazard "and let the good angels take care of them." There is good money in raising cattle, but it is the feeders that run the risk in getting flattened out, when they get too over-anxious in purchasing poor grade of young cattle; but they this year are acting with very commendable caution.

Receipts of hogs in Kansas City, past week.....	34,882
" " " " corresponding week, 1895.....	24,234
" " " " " " " " 1894.....	34,536
" " " " " " " " 1893.....	43,118
Receipts in Chicago, St. Louis, Omaha and Kansas City for past week.....	222,200
Same cities corresponding week.....	147,000
" " " " " " " " 1894.....	197,600
" " " " " " " " 1893.....	248,700
" " " " " " " " 1892.....	147,800
" " " " " " " " 1891.....	170,800
" " " " " " " " 1890.....	208,400

The quality of hogs not as good as usual; some days decidedly off. Heavy hogs in fair demand, as Mexico shippers were free purchasers. The complaint comes now, that there is a small glut in the Capital City—too

many fat hogs going there—and the margin for the shippers pretty near a shave. Heavy hogs sold in Kansas City last week from \$2.75 @ \$3, and not many changes, being steady. Extra heavy sold to Mexico, \$2.75 @ \$2.92½; some twenty-four cars were shipped to the Republic. Quite a contrast in number of hogs shipped from Kansas City in this same week one year ago, then 3,116 head, last week, 12,246. Of this number, after Mexico, Milwaukee took the most, some 16 cars; Cedar Rapids and New York, 11 cars each; Kingan & Co., of Indianapolis, 10 cars; Marshaktown, 9 cars; Detroit, 5 cars, and Chicago and St. Louis, nine cars between the two. The market was very steady all week with very little fluctuations. Tops holding at \$3.30; bulk, \$3.05 @ \$3.25. Medium weights steady at \$3.05 @ \$3.10; light hogs ranging from \$3.25 @ \$3.30. During the month of August the highest price paid for tops, \$3.30, against \$4.90, in 1895. August, 1896, top prices of bulk, \$3.12½ @ \$3.30, and August, 1895, top prices of bulk, \$4.70 @ \$4.85. Now as our receipts in August, 1896, were over 136,000 hogs, one may easily count the loss on this industry; and, yet it must be admitted that this year's prices paid the farmer fairly well taking the large corn crop into consideration. It is now gravely brought to the attention of the public, by that never-to-be-drowned Kansas man, that owing to the extortionate prices demanded by the Coal Barons, they of the Eastern Anthracite, that corn at \$6.25 per ton is a much better and cheaper article for fuel. Burning food seems to be a sin against High Heaven. Some twenty years ago corn was very cheap in Kansas, the farmers choose to burn it instead of coal; the next year the corn crop was a failure in a great measure. There seem to be certain sins, even if committed as a saving of money, that High Heaven takes notice of and punishes the offender. There must be a high Angel keeping tab over the quantity of such articles as men need, so that every one shall have a share, otherwise, it is hard to account for no great overplus year by year. It is, therefore, a very dangerous thing to burn up, or wantonly destroy the food given to the human family and to the beasts of the earth. The poor hog is going to have another competitor to make his lard still cheaper. The Peanut Trust in America is at its wits' ends how to get out of the hole that the usual greed tempted it to occupy. They—the members of the trust—were envious of the exceeding joy the young American takes in his bag of pea-

(Continued on page 57.)

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Persons desiring not to be known as making an inquiry should add a nom de plume to their questions. By so doing they will avoid identification in this column. The correct name and address should, however, for the publisher's satisfaction, accompany each request for information.

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"Oil Mill," Texas.—(1) The book is now in hand and will be published shortly. In the meantime we would be pleased to book your order. The price is \$2. An order slip will be found on page 19.

"Oleo," Pittsburg.—"Goldband" is the name of the brand, but last week the typesetter thought he would give it a twist of his own, and printed "Gold Brand."

"Beef Packer."—We don't expect now to ever see the regulations go into effect. You know their enforcement was postponed fully half a dozen times for the simple reason that their operation was not feasible and would do more harm than good to the trade. Secretary Morton knew all about this.

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# ICE AND REFRIGERATION.

Those interested in this subject should not forget to look also at Packers' and Slaughterers' Notes, and other trade news columns in this paper.

Employers in want of help, and employees in search of positions, and such wanting to dispose of machinery or desiring to purchase same should look at our WANT AND FOR SALE COLUMN on page 46.

—Cold storage is on deck in St. John, Canada. We observe that Messrs. William Johnson, of Montreal; George McAvity, of St. John; John D. Chipman, of St. Stephen; Frederick P. Thompson, of Fredericton; J. T. Dibblee, of Woodstock, and Joshua Peters, of Moncton, have applied at Fredericton for the incorporation of the New Brunswick Cold Storage Co., Ltd., with head offices in St. John. The amount of the capital stock of the said company shall be \$300,000, consisting of \$150,000 ordinary stock and the same amount preferred stock.

—F. A. Poth & Sons' application for a permit to build a refrigerating storage house on the west side of Thirty-first street, above Jefferson avenue, Philadelphia, was granted. The building is to be four stories high, 102x90 feet, and will cost \$30,000.

—L. D. Copeland, his successors or assigns, has been granted the right and privilege to construct, operate and maintain an ammonia and compressed air plant in the city of Phoenix, Ariz.; to lay pipes or conduits in any of the streets, avenues, alleys, bridges or public grounds for the purpose of conducting ammonia and compressed air for motor power and for cooling and ventilating and other purposes, and furnishing same to the inhabitants of said city, and for this purpose may enter upon any street, avenue, alley, bridge or public grounds to take up any pavement or sidewalk thereon and make such excavations as may be necessary for the laying of such pipes or conduits and the necessary connections thereto, provided that such use of such grounds, streets and alleys be made with the least practicable inconvenience to the public and that such sidewalks, pavements and excavations be replaced at the expense of the grantee or his assigns in as good condition as before and with the least practicable delay. Provided further, that no pipes can be laid or excavations made in or upon any paved street in the city without first having obtained permission of the City Council of said city.

—George H. Gilpin, E. H. Stanton, Guy L. Lindsay and H. M. Schneider, formerly members of the Sprague Packing Co., have just completed a cold storage and refrigerating plant at 317 Riverside avenue, Spokane, Wash., to be known as the Spokane Meat Co. They will have a refrigerating system, with a chilling capacity of 100 head of cattle, 150 sheep, 200 hogs, also a special packing and pickling department finely equipped. The new company will wholesale and retail, the retail department being conducted at the Riverside entrance of the plant.

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—Hoffe & Reissinger will put in a new boiler and ice machine at the California Brewery, Marysville, Cal.

—The Sonora Artificial Ice and Cold Storage Co., Sonora, Cal., has started its plant.

—Otto Tullman, of San Luis Obispo, Cal., is about to begin the manufacture of ice.

—Beginning with Sept. 1 Mr. C. A. Lozano represents the Fred W. Wolf Co., of Chicago, in the East, with offices at Room 609, 18 Broadway, New York.

—The repairs at the Lancaster (Pa.) Ice Co.'s plant, opposite Engleside, which was rendered necessary by the recent explosion, have been completed and the plant commenced operations again.

—James W. Day and W. H. Little, of Fort Worth, Tex., intend to establish a 50-ton refrigerating manufacturing plant.

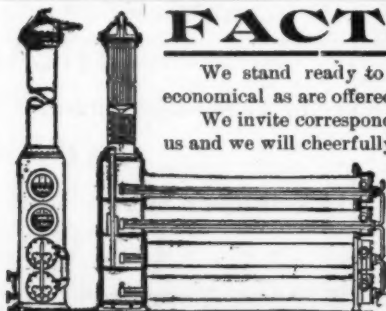
—The Quaker City Cold Storage Co.'s warehouse, at 313, 315 and 317 South Front street, Philadelphia, is to undergo interior alterations at the hands of Contractor Richard Magee.

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—The talked of suit of the Independent Ice Co. against the Artificial Ice and Storage Co., Indianapolis, Ind., was filed during the week in the Superior Court. John E. York has operated the Independent Ice Co. since April last. He alleges that he entered the business at great expense for equipment. He says that in the summer months he had built up a large business, furnishing from 12 to 20 tons of ice a day and was realizing large profits. On July 21, it is alleged, the plaintiff entered into an agreement with the Artificial Ice Co. to purchase ice from it, to be delivered at the M. Garver icehouse, in the north-western part of the city. The plaintiff cites that on Aug. 10 he was barred from the ice house when he went to get his supply, and that thereafter the Artificial Co. refused to sell him ice. He demands \$4,000 for violation of contract.

### THE AUSTRALIAN MEAT TRADE. LIVE CATTLE EXPORT

Although the Australian export trade in live cattle remains largely in its experimental stages, the experience already gained justifies the assumption that it is destined to be successful. The question has resolved itself into one of freight. That large numbers of live stock can be conveyed in good condition from Australia has been proved beyond any possibility of dispute, but the cost of so doing makes the margin of profit too narrow, especially when the risks of losses by disease or accident are taken into consideration. Since the initial shipment of twenty head of cattle by the Maori King, in July, 1894, to London, there have been several others, two or three

being to Dunkirk, with a view to testing the French market. The largest consignment was that by the Southern Cross, leaving Australia in July, 1895. It consisted of 550 head of cattle, and practically decided the feasibility of an Australian export trade in live stock. The arrangements made for the conveyance of the animals were excellently designed, and proved remarkably effective. An important factor in the possible development of the new export trade is the rapid diminution in the numbers of live stock annually imported.

The returns for 1895 are not available at the time of writing, but as the imports for the first six months of 1895 numbered only 175,598, as compared with 238,028 during the corresponding period in 1894, the falling off must have become more marked. This will explain not only the readiness with which Australian frozen meat finds its way into the British market, but also the efforts made to establish an Australian live cattle export trade, the prices of beef having risen in proportion to the diminished supply. The diminished shipments from the United States are occasioned partly by extensive losses of live stock by drought, and partly by the rise in prices of fresh meat generally. This had led English dealers to look to Australia as a possible source of supply, and the results at present attained are largely due to English enterprise and capital. It is not improbable that vessels will have to be built specially for the trade. At present it is estimated that the deck space on the regular steamers running between Australia and Europe would not admit of the export of more than 5,000 head of cattle per annum, which is but a very small proportion of the surplus live stock of the colonies, besides forming only a fraction of what is required to meet the deficient supply of the United Kingdom. Should vessels of sufficiently large carrying capacity be constructed in such a manner as will enable live stock to be conveyed at lower rates, the trade must inevitably assume large proportions, and form a leading item in the commercial intercourse between Australia and the mother country.

The capabilities of Australia as a source of live stock supply to the United Kingdom are shown by the following figures:

Number of Live Stock in Australia, 1894-95.		
	Cattle.	Sheep.
New South Wales.....	2,465,411	56,977,270
Queensland .....	7,012,997	19,587,691
South Australia.....	675,284	7,325,003
Tasmania .....	177,038	1,727,200
Victoria .....	1,833,900	13,180,943
Western Australia....	187,214	2,123,311

Total ..... 12,351,844 100,930,418  
In 1893-94 the number of cattle was 11,669,710; and of sheep 99,867,311. Deducting the number of dairy cattle, which has been variously estimated at from 1,500,000 to 2,000,000, there remains considerably more than 10,000,000 available for purposes of food supply.

(To be Continued.)

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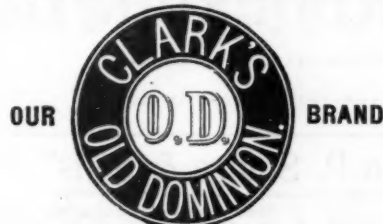
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ISAAC BLUMENTHAL, President.  
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LEWIS A. LONDON, Secretary.

LOOK AT PAGE 47.

## NEW YORK CITY AND VICINITY

*Employers in want of help, and employees in search of positions, and such wanting to dispose of machinery or desiring to purchase same should look at our WANT AND FOR SALE COLUMN on page 46*

\*\* The Brooklyn, E. D., Butchers' Guard, Capt. Robert Zaengler, had their annual picnic and target excursion at the Metropolitan Park, Brooklyn, N. Y., Wednesday, Sept. 2. Prof. Baehr, supplied the music. There was a good attendance, and the party broke up shortly after 3 A. M. Thursday, after having a very good time.

\*\* Mr. Strohman, who for many years has been the chief engineer of the Eastmans' Co., has left the employ of that concern.

\*\* The advent to the world of Mr. Sam. Stretch, Jr., the oldest son of Mr. Sam. Stretch, of the firm of Plaut & Stretch, has been announced, and congratulations are in order, since we are happy to report that mother and child are doing well.

\*\* The New Jersey Foundry and Machine Works have secured the contract for the overhead track work of Siegel-Cooper Co., who are about opening a monster department store at Sixth avenue and Eighteenth street.

Attention is called to the advertisement of Kachelmacher & Bohmer, which will be found on "Want and For Sale" page. They are in the market for horse casings.

### BUSINESS CHANGES.

L. H. Copeland, meats, Bridgeport, Conn., is dead.

The business of the Empire Market, Hartford, Conn., has been succeeded by F. O. Boynton.

The meat market of Wm. A. Fitzpatrick and others, at New Britain, Conn., has been attached.

A. Woodward, of Woodward & Son, meats, Ossian, Ind., has assigned.

The J. K. Brock Commission Co., beef, etc., of Boston, Mass., have failed.

Bryon E. Piper, retail provisions, Boston, Mass., has assigned.

Minneapolis Provision Co., packers, etc., Minneapolis, Minn., have assigned, as reported last week.

Harry Holmes, meat, Jackson, Mich., has given a chattel mortgage for \$1,800.

Herman Sack, grocer and butcher, of Newark, N. J., has given a chattel mortgage for \$500; bill of sale for \$800.

The Elmira (N. Y.) Hygeia Ice Co. has been incorporated as the Hygeia Refrigerating Co. Wm. H. Ingham, meats, etc., Yonkers, N. Y., has given a bill of sale for \$800.

Cochrane & Barnhardt, provisions and grain, Charlotte, N. C., have dissolved, and are succeeded by Barnhardt & Co.

The Star Packing Co., to do a butchering business, has been incorporated at Portland, Ore.

W. E. Smith, meats, Dalton, Penn., has gone out of business.

(Continued on page 37.)

KEEP UP WITH THE TIMES AND USE

# GEHARD'S BERLINER KONSERVIRUNGS SALZE

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CHICAGO OFFICE & WAREHOUSE. CHICAGO, U.S.A. AND CANADA  
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**TROTTING—\$100 PURSES.**

**Baseball for the Championship of Long Island—BAY RIDGE A. C. vs. KINGS CO. A. C.**

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**FIVE-MILE FOOT RACE.**

**DANCING PAVILION AND CONCERT HALL.**

Will take place at the Newtown Jockey Club Race Track, Maspeth, Long Island

**LABOR DAY, SEPTEMBER 7th. LABOR DAY, SEPTEMBER 7th.**

**TO BEGIN AT 1 O'CLOCK P. M.**

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AND A FULL LINE OF

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Gansvoort Beef Co., 22 and 24 10th ave.  
Washington Market Sheep Co., W. Washington Market.  
Swift Provision Co., Cor. 19th st. and 10th ave.  
G. F. Swift & Co., Manhattan Market (W. 35th st.).  
Swift Sheep & Poultry Co., 11th ave., 34th and 35th sts.  
North River Beef Co., Foot W. 30th st.  
Riverside Beef Co., 130th St. and 12th ave.  
Swift Brothers, 709 and 711 Westchester ave.  
Harlem Beef Co., Foot East 127th st.  
Murray Hill Beef Co., Foot East 121st st.  
Centre Market Beef Co., Cor. Centre and Grand sts.

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Swift Brothers, 132 and 134 Fort Greene place.  
Ft. Greene Sheep & Provision Co., 112 Ft. Greene place.  
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The Cudahy Packing Co., Manhattan Market, New York.  
" " " " Manhattanville " "  
" " " " Ft. Greene Place, Brooklyn.  
" " " " 1 Blackstone St., Boston, Mass.  
" " " " Clinton Market, " "  
" " " " Worcester, Mass.  
" " " " Fall River, " "  
" " " " Pittsburg, Pa.  
Holmes' Provision Co., Holyoke, Mass.  
Nashua Beef Co., " Nashua, " "  
Lee & Hoyt, " New Haven, Conn.  
McElroy Bros., " Bridgeport, " "  
Omaha Beef Co., " Danbury, " "  
Waterbury Beef Co., " Waterbury, " "  
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Once tried, your trade will always ask for "Dold's" Canned Meats.

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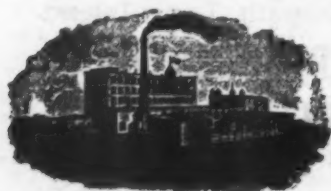
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**TRENTON, N. J.****Summer Sausage and Bologna.**

**Prepared Ham and Beef, Scrapple and**  
**Breakfast Bacon, Liver Pudding,**  
**Boneless Ham and Dried Beef.**

No adulterations used in any of our pro-  
ductions.

nuts—the want of peanuts—and the use of peanuts so universal—that in their greed they saw millions in it, so they formed a corner in peanuts, but, alas! they found that though they may “corner” the American production, that the young American had all of the Dark Continent of Africa to draw on in providing for the indispensable fruit. The importation to Marseilles alone from French possessions foots up to 10,000,000 bushels a year. To be sure, that busted the American peanut trust. But this is where the American hog gets the blow—fully 50 per cent. of their weight in oil is extracted from the African peanuts; this oil is imported from France as “Olive Oil.” “Listen to that, Brother McKinley!” shouts the man of Southern California; and it can be used on cooking stoves instead of pure lard. American peanuts are not so rich in oil, and even the “Heathen Chinese” is giving our American hog a lick, indirectly, on the ear. In the last five years no less than forty-five new cotton manufacturing establishments have been erected alone in Shanghai. The number of acres suitable for cotton cultivation in China is almost as limitless as the supply of cheap labor. China in a few years is bound to be one of the largest cotton producing countries in the world, and they are now making cottonseed oil, already by new process, increasing by 15 per cent. the amount formerly produced from a given quantity of seed. We will very soon have a “Celestial Compound” on the American market for the housemaid to fry our American slapjacks.

Receipts of sheep at Kansas City past week..... 11,314  
“ corresponding week 1895..... 13,838  
“ “ “ “ 1894..... 9,593  
Receipts in Chicago, Omaha, St. Louis and Kansas City for past week..... 113,000  
Receipts same cities corresponding week 1895..... 92,200  
“ “ “ “ 1894..... 69,000  
“ “ “ “ 1893..... 71,700

Owing to small receipts and better demand from slaughterer and feeder, the prices of all kinds were well sustained in spite of lower prices in Chicago. Lambs were sold readily at \$4.75, even \$4.85 paid for some native lambs. Some California lambs sold as low as \$2.25. Some Utah lambs at \$3.55; some New Mexican sheep were sold at \$3—a good lot. Some California ewes at \$2.25. Quite a sprinkling of Utah sold at \$2.75. On the whole a satisfactory market for the different grades offered.

#### BUSINESS CHANGES—Continued.

The Bush Provision Co., packers, etc., has been incorporated at Erie, Pa.

Judgment for \$429 has been entered against Chas. Bickel, butcher, Carnegie, Pa.

An execution has been issued for \$840 against H. W. Laws, meats, Erie, Pa. Sheriff's sale takes place to-day.

J. P. Nissen, meats, Alexandria, S. D., has given an additional security to chattel mortgage, \$2,175.

Erickson Peterson & Co., meats, Mount Pleasant, Utah, have dissolved.

John G. Hamilton, meats, St. Stephen, N. B., Canada, has assigned.

#### ROTTERDAM OLEO REPORT.

The following sales were cabled for the week ending Sept. 4, 1896:

August 27. Brilliant Extra sold at 30 florins.

“ 27. Monarch sold at 30 florins.

“ 27. Midland sold at 30 florins.

“ 28. Modoc sold at 32 florins.

“ 28. Gotham Extra sold at 30 florins.

“ 28. Monarch sold at 30 florins.

“ 29. Harrison (50/100 tes.) sold at 33 florins.

“ 29. United (80/100 tes.) sold at 33 florins.

“ 29. Swift Extra (100/180 tes.) sold at 33 florins.

“ 29. Morris Extra (600 tes.) sold at 32 florins.

Sales for the week 1,000 tes. spot, and 1,400 to arrive.

August 29. stock in first hands, 1,600 tes.

Stock afloat, August 29.—Per stmr. Patapasco, from Balto. August 15, due August 29, 1,385 tes.; per stmr. Maesdam, from New York August 22, due September 2, 2,257 tes.; per stmr. Tabasco, from Balto. August 22, due September 4, 645 tes.; per stmr. Spaarndam, from New York August 29, due September 9, 2,095 tes. Total, 6,382 tes.

Imports into Great Britain for week ending Aug. 22, 1896: Butter, 48,000 cwt.; margarine, 17,000 cwt. 1896—butter, 61,000 cwt.; margarine, 18,000 cwt.

\* It is reported that Mr. Wilson Waddingham, of Drexel Building, Philadelphia, will establish a large packing house in New Mexico.

## NEW YORK MARKETS.

### LIVE CATTLE.

The week has not been more than an average one, with receipts ample for requirements. Latest cables from Liverpool and London quote American live cattle selling at 10@11c. per lb, dressed weight; refrigerator beef at 8½@9¼c.

Shipments of live cattle and dressed meats from the United States and Canada for the week ending Aug. 29 were as follows:

	Live Cattle	Live Sheep	Quarters Beef
New York.....	1,669	1,735	10,942
Boston.....	2,911	1,637	12,468
Baltimore.....	1,354	1,613	1,482
Philadelphia.....	370	.....	1,100
Newport News.....	704	.....	.....
Montreal.....	3,405	4,115	.....
	10,413	8,900	25,990

Destination of shipments were as follows:

	Live Cattle	Live Sheep	Quarters Beef
London.....	2,134	1,984	3,002
Liverpool.....	6,192	5,932	21,125
Glasgow.....	1,095	147	.....
Havre.....	.....	.....	.....
Hull.....	.....	.....	1,860
Southampton.....	.....	.....	.....
Bristol.....	.....	324	.....
Newcastle.....	.....	178	.....
Bermuda & W. I. ....	.....	68	.....
	10,413	8,900	25,990

We quote:

Choice to extra steers.....	4 35 a 4 70
Medium to fair steers.....	4 05 a 4 30
Common steers.....	3 55 a 4 00
Bulls and dry cows.....	1 15 a 3 00
Oxen and stags.....	3 00 a 4 15

### DRESSED BEEF.

There are no special or unusual features to the market. Quotations show little fluctuation. Both city dressed and Western are in good supply. We quote:

Choice Native, heavy.....	7 a 7½
“ light.....	7½ a 7¾
Common to fair Native.....	5¾ a 6¾
Choice Western, heavy.....	7 a 7
“ light.....	6¾ a 7
Good to prime Texan.....	5½ a 6
Common to fair Texan.....	4½ a 5
Good to choice Heifers.....	5½ a 5¾
Common to fair Heifers.....	4½ a 5
Choice Cows.....	5 a 5
Common to fair Cows.....	4 a 4½
Good to choice Oxen and Stags.....	5½ a 6
Common to fair Oxen and Stags.....	4 a 5
Choice Bulls.....	4 a 4
Common Bulls and Cows for Bologna.....	2½ a 3½

### LIVE SHEEP AND LAMBS.

Toward the close there was rather an accumulation and dealers had to accept buyers' offers if they wished to effect sales. We quote:

Poor to prime sheep.....	2 25 a 3 75
Common to medium sheep.....	1 75 a 3 00
Good to choice lambs.....	3 25 a 4 50
Common to medium lambs.....	3 00 a 3 75

### DRESSED SHEEP AND LAMBS.

The market is dull and slow and shows little activity out of the ordinary. We quote:

Dressed mutton.....	4½ a 7½
Dressed lambs.....	7½ a 9½

### LIVE CALVES.

Toward the close the demand for veals was less active and prices declined ¼c. on all grades; other kinds were wanted and prices were well sustained. We quote:

Poor to prime veals.....	4 00 a 7 25
Buttermilks.....	3 25 a 3 75

### LIVE HOGS.

The market is lower, and State hogs quoted \$3.40@3.80. We quote:

Light to medium weights.....	3 40 a 3 80
Pigs.....	3 25 a 4 00

### LIVERPOOL STOCKS SEPT. 1.

Beef, tierces, Sept. 1, 1895, 1,700. Pork, barrels, Sept. 1, 1895, 3,300. Bacon, boxes, Sept. 1, 1896, 12,700; Aug. 1, 1896, 12,900; Sept. 1, 1895, 15,000. Hams, boxes, Sept. 1, 1896, 2,500; Aug. 1, 1896, 2,500; Sept. 1, 1895, 4,300. Shoulders, boxes, Sept. 1, 1896, 3,400; Aug. 1, 1896, 2,500; Sept. 1, 1895, 2,600. Lard, tierces, Sept. 1, 1896, 82,000; Aug. 1, 1896, 84,000; Sept. 1, 1895, 58,000.

### HAVE YOUR

# BRINE

ANALYZED.

An analysis will show you whether your pipes are corroding, and why. Cost, \$5.00. Sample necessary one pint.

THE NATIONAL PROVISIONER

ANALYTICAL LABORATORY,

284-286 Pearl Street, New York.

617 & 618 Manhattan Bldg., Chicago.

## DUMRAUF & WICKE,

Manufacturers of

**BUTCHERS' FIXTURES and ICE HOUSES**

of every description.

Fish Markets Fitted Up.

Tools always on hand.

SHEET IRON

SMOKE HOUSES.

338 & 340 East 102d St., NEW YORK.

CHARLES MILLER,

MANUFACTURER OF

**BUTCHERS' FIXTURES**

Boxes, Tools, Etc.

Ice Houses for all purposes.

Fish and Oyster Markets fitted up.

All Orders Promptly Attended to.

505 West 45th St., New York.

THIS IS not A LARD PACKAGE



It is a Butter Package.

But our LARD PACKAGES are just as thoroughly well made, and from just as high grade stock. Order a car of them and be convinced, or at least give us a chance to quote you prices.

**Creamery Package Mfg. Co.,**

1-3-5 W. Washington St.,

CHICAGO, ILL.





## WM. R. PERRIN & CO.

CHICAGO,  
ARCHITECTS  
AND  
BUILDERS  
OF  
PACKING  
HOUSES.

## J. G. GLOVER, Architect.



J. G. GLOVER, ARCHITECT  
& CARRIAGE, A. S. G. L. A. T. R.

186 Remsen St., BROOKLYN, N. Y.

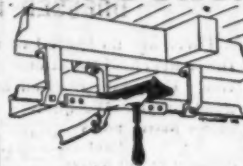
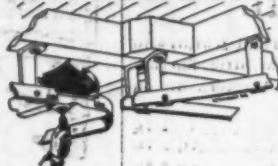
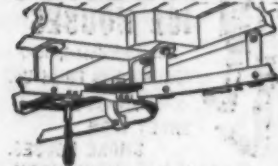
Refrigerated Buildings  
A SPECIALTY.

PLANS AND  
SPECIFICATIONS

Furnished in shape to obtain  
competitive bids, thus saving  
time and money.

Correspondence Invited.

## TRACKS. ~ SWITCHES. ~ TRUCKS.



CORRESPONDENCE SOLICITED.  
REFER TO ALL FORMER CUSTOMERS.

J. DUNCAN & CO., 94 Blackstone St., Boston, Mass.

## Morse, Williams & Co.

MAKERS OF....

PASSENGER AND FREIGHT

## ELEVATORS

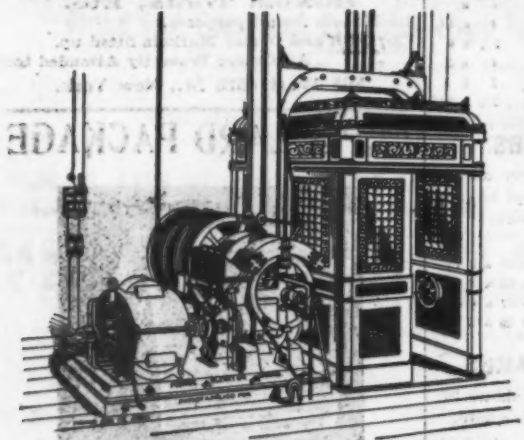
OF EVERY DESCRIPTION.

Works: Frankford Ave., Willey  
and Shackamaxon Sts.

PHILADELPHIA.

OFFICES,

108 Liberty Street, New York.  
82 Church Street, New Haven.  
19 Pearl Street, Boston.  
4 East Lexington St., Baltimore.  
413 Fourth Avenue, Pittsburg.  
425 Spruce Street, Scranton.



## CIMETER BLADE STEAK KNIFE.

Per Doz.

No. 010—10 Inch, - \$9.00  
No. 012—12 Inch, - 15.00  
No. 014—14 Inch, - 21.00  
No. 016—16 Inch, - 27.00

We will send one or more of these Steak Knives to any Marketman or Butcher in the United States or Canada, Express prepaid, on receipt of list price. SEND FOR CATALOGUE FREE.

KNIVES, CLEAVERS AND STEELS.

CUTLERS TO THE AMERICAN BUTCHERS.

NICHOLS BROS., Greenfield, Mass.



## MINERAL WOOL

Best and Cheapest  
Insulator for

## COLD STORAGE

—AND—

## ICE HOUSES.

Samples and Circulars Free.

## U. S. MINERAL WOOL CO.

2 CORTLANDT STREET, NEW YORK.

WESTERN MINERAL WOOL CO  
Cleveland, Ohio and Chicago, Ill.



## THE ONLY REALLY AIR-TIGHT DOOR MADE.

Aside from all its other merits, its easy opening and closing is enough and will save its cost in a few weeks in any busy meat market or storage house.

Write for Circular with Diagrams and Photo-Illustration.

## Refrigerating Machine Paint



We guarantee this paint to preserve the cooling pipes, coils, etc. absolutely against rusting.

HIGHLY RECOMMENDED. USE IT  
AND SAVE BIG MONEY.

ERNECKE & SALMSTEIN,

300 South Clinton Street, Chicago.

SEE COUPON ON PAGE 27.

INDEX TO ADVERTISEMENTS ON PAGE THREE

**LIVE POULTRY.**

Fowls are selling up to 9½¢. for choice heavy, but anything unattractive has to be shaded ¼¢, but it is extreme, average Western not exceeding 9¢. Roosters ½¢ lower, in sympathy with fowls. Not many turkeys arriving, and market holds steady. Average quality ducks in liberal supply and weak, but choice stock scarce and occasionally brings a premium. Few geese arriving and choice stock sells promptly. Pigeons in light demand but steady. We quote:

Chickens, local, per lb	9	a	9½
"    Western, per lb	9	a	9½
"    Southern, "	9	a	9
Fowls, local, per lb	9	a	9½
"    Western, per lb	9	a	9½
"    Southern, "	9	a	9
Roosters, old, per lb	8	a	8½
Turkeys, mixed, "	10	a	11
Ducks, local, per pair	70	a	90
"    Western, "	60	a	75
"    Southern, "	40	a	50
Geese, local, per pair	1 25	a	1 50
"    Western, "	1 12	a	1 37
"    Southern, "	75	a	1 00
Pigeons, old, per pair	25	a	
"    young, "	15	a	20

**DRESSED POULTRY.**

\*The demand is moderate and of a selective character. Buyers are chiefly looking for finest grades and the very best qualities of Western fowls and chickens hold about steady. Medium and lower qualities are rather urgently offered, and a good many ordinary lots of Western can be had at 10¢. for scalded chickens and 10½¢. for dry-picked fowls. Average prime straight lots of Western dry-picked chickens are quiet at 10½¢@11¢, but selections of fancy broilers and heavy roasters would go higher. Old cocks steady. Fresh turkeys scarce and firm. Philadelphia chickens steady for fancy large, but ordinary grades rule dull. Long Island and Eastern spring ducks in moderate supply and firmer. Eastern geese of fancy quality wanted. We quote:

Turkeys, mixed weights, per lb	12	a	13
Spring Chickens, Philadelphia, selected	16	a	
"    "    poor to good, lb.	11	a	14
"    Pennsylvania	11	a	14
"    Western, dry-picked, choice	10½	a	11
"    "    inferior	9	a	10
"    "    scalded, choice,			
large	10½	a	11
ordinary	9	a	10
Fowls, Western, dry-picked, choice	10½	a	11
"    "    scalded, choice	10	a	10½
Old Cocks, per lb	6	a	6½
Spring Ducks, Eastern, per lb	12	a	13
"    Long Island, per lb	12½	a	13½
"    Penn. and Va., per lb	9	a	12
"    Western, per lb	7	a	10
Old Ducks, " "	6	a	8
Spring Geese, Eastern, " "	14	a	16
Squabs, tame, white, per doz	1 75	a	
"    mixed lots, "	1 25	a	1 50
"    dark and poor, "	1 00	a	1 25

**BUTCHERS' FAT.**

Rough butcher's fat	1½	a	
"    inferior	1	a	
"    best	2½	a	
Shop bones (per cwt.)	15	a	2

**SPICES.**

	Whole.	Ground
Pepper, Sing. Black	6½	1½
"    White	18	11
"    Red Zanzibar	15	20
"    Shot	8	
Allspice	6½	10
Coriander	5	6
Cloves	10	18
Mace	45	65
Nutmeg, 110s	60	60
Ginger, Jamaica	20	24
"    African	14	18
Sage Leaf	7	12
"    Rubbid		12
Marjoram	25	

**LARDS.**

Lard, refined, Continent	\$4.25
Lard, refined, So. America	4.70
Lard, refined, Brazil (40 lb. kegs)	5.85
Lard, neutral, Western, here	4½
Lard, neutral, West	4½
Lard, compound, city	3½
Lard, compound, Western	3½ a 4½
Lard, compound, job lots	

**GREEN CALF SKINS.**

No. 1. Veals under 9 lbs	9 a 11
No. 2. Veals (cut), under 9 lbs	09
No. 1. Buttermilks, under 9 lbs	10
No. 2. Buttermilks (cut), under 9 lbs	
No. 1. Buttermilk Kips	1.10
No. 2. Buttermilk Kips (cut)	1.00
No. 1. Light Veal Kips	1.50
No. 2. Light Veal Kips (cut)	1.25
No. 1. Heavy Veal Kips	1.75
No. 2. Heavy Veal Kips (cut)	1.25
Branded Skins, light and heavy	75 to 80

**STEARINES.**

Lard, city	4½
Lard, Western	nom.
Oleo, New York	4
White grease	3½
Yellow grease	3½

**SALT.**

Eureka	2 00 a 2 10
English factory filled	1 00 a 1 10
"Brighton" in bbls	3 10
Liverpool, ground	57½ a 62½
Domestic, "	50 a 55
Domestic, fine, in sacks	75 a 85
Turks' Island	22 a 25
Lump salt, per ton	12 00 a 12 80

**THE FERTILIZER MARKET.**

Thos. H. White, of Baltimore, in their monthly report, say: "The past month ammoniates have been quiet and transactions

light; for goods pressed for sale, the lowest prices on record were made—notably for 7 and 30 tankage, \$1.30 and 10 delivered, Baltimore; for 9 to 10 per cent. grade, \$1.25 and 10, New York.

Buyers are few, the Eastern trade being occupied with the distribution of manufactured goods for the wheat trade, while the disturbed condition of the country's finances has deterred the Southern trade from entering the market to any great extent. Prices, however, were better sustained than we expected. There is a large increase in the demand for fertilizer from the Western States, and the surplus products of tankage and blood are

**LARD EXPERTS**

ANALYSES OF ANY PRODUCT.  
THE NATIONAL PROVISIONER  
ANALYTICAL LABORATORY,  
284 Pearl Street, New York.

**THE PACKERS' HAND BOOK.**

Is indispensable in every progressive packing house. See particulars, page 47. Order Blank for same, page 27.

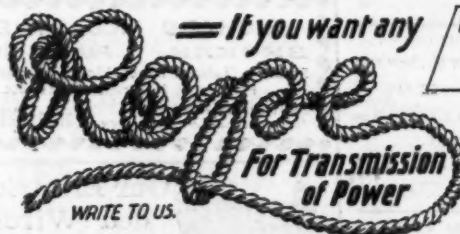
**MORTON & WAUGH,**

Contractors for

**Artesian and Driven Wells.**

Wells Drilled Through Rock by Steam Power.  
Soundings for Sewers, Foundations and Bridges.

No. 94 WATER STREET,  
BOSTON, MASS.



= If you want any

We have furnished Rope for some of the largest Drives in the country.

**H. CHANNON COMPANY,**  
24-26 Market St., CHICAGO.

**HYDRAULIC GREASE PRESS.**

ALL SIZES.

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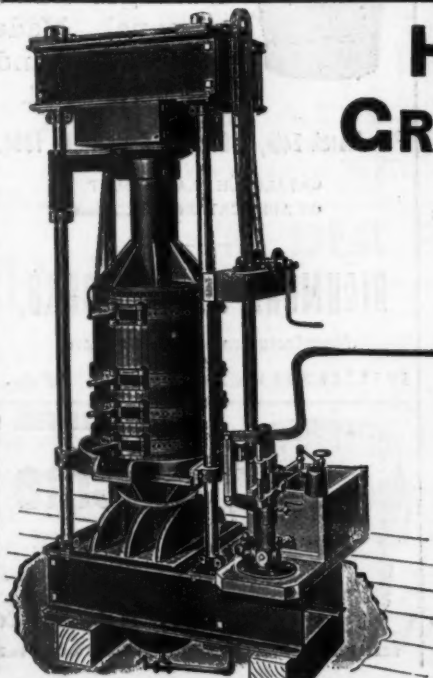
THE

**Hydraulic Press Manufacturing Co.**

MT. GILEAD, OHIO.

Eastern Office,  
6 Harrison Street, NEW YORK.

Western Office,  
41 West Randolph St., CHICAGO.





**BROKERS AND COMMISSION MERCHANTS.**

**Jacob Leaser,**  
Provision Broker,  
429 Produce Exchange,  
NEW YORK.

ESTABLISHED 30 YEARS

**THOMAS GOULARD & CO.,**  
Inspectors, Weighers, Etc.  
Provisions, Lard, Tallow, Oleo, Oils,  
—Etc.—  
NEW YORK AND CHICAGO.

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Is indispensable in every progressive packing house. See particulars, page 47. Order Blank for same, page 27.

**P. G. GRAY,**  
Broker in Packing House Products, Oils,  
Grease, Tallow, Fertilizers, etc.  
**PROVISIONS.**  
45 North Market St., Boston, Mass., U.S.A.  
Correspondence Solicited.

**H. C. ZAUN,**  
Provision Broker,  
Room 409 Produce Exchange,  
NEW YORK.

I do a strictly Brokerage business, neither buy nor sell for my own account. Reference, the Provision Trade of New York generally.

**Geo. F. Taylor,** ESTABLISHED 1873.  
80 Pine St., New York  
COMMISSION MERCHANT AND BROKER IN  
**Fertilizer Chemicals**  
AND MATERIALS GENERALLY.  
Clues, Bone, Boneblack, Tallow, Etc.  
CORRESPONDENCE SOLICITED.

**HELLER, HIRSH & CO.,**  
DEALERS IN

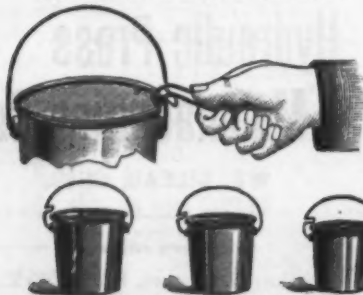
Dried Blood, Tankage and Other Ammoniates,  
Phosphates, Potash Salts, Anhydrous and Aqua  
Ammonia.

62-64 William St., New York.

Branches:—Baltimore, Philadelphia, Charleston,  
Norfolk, Chicago, Kansas City and Hamburg, Ger.

**LARD AND OIL**  
**SHIPPING PACKAGES.**

**AIRTIGHT.**  
No Summer Cover Needed.



CORRESPOND WITH US.

**RECORD MANUFACTURING CO.**  
Conneaut, Ohio.

**DAVID C. LINK,**  
General Commission  
AND  
Export Broker.

411 PRODUCE EXCHANGE  
NEW YORK.

OLEO STEARINE A SPECIALTY.

**Washington** ESTABLISHED 1760.

INCORPORATED 1893.

**Butcher Co.**

COMMISSION MERCHANTS  
AND MANUFACTURERS' AGENTS.

Cold and General Storage.

PROVISIONS, OILS AND FOOD PRODUCTS

Accounts Solicited.

PHILADELPHIA, PA.

**ROBERT L. WENDLER,**  
BROKERAGE AND COMMISSION,  
Fertilizing Material, Tallow, Grease,  
AND PACKING HOUSE PRODUCTS GENERALLY.  
72 BOARD OF TRADE,  
CHICAGO, ILL.

**RICHARD MCCARTNEY,**  
BROKER, PACKER HIDES,  
Stearine, Tallow, Sheepskins, Cottonseed Oil,  
Fertilizing Materials, Bones, etc.  
Correspondence solicited.  
Information cheerfully given. Kansas City, Mo.



Our Electric Wel-  
ded Wire-Hoop  
Packages have  
no equal. Made  
of tasteless and  
odorless wood.

Pat. March 24th, 1891, and April 10th, 1894.

CATALOGUE GLADLY SENT  
ON APPLICATION

**RICHMOND CEDAR WORKS,**

Manufacturers of Wooden Ware,

RICHMOND, VA.



STAMPED WITH DIE.

NONE AS GOOD OR HANDSOME AS

The **Acme Lard Pail**

THE BEST IN USE. THEY WILL NOT LEAK.

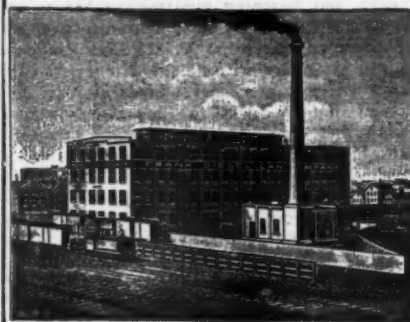
Used by all the Leading Packers and Butchers.

F. A. WALSH &amp; CO., Manufacturers,

Milwaukee, Wis.



LITHOGRAPHED LABEL.

**FRANK DIESEL CAN CO.**

MANUFACTURERS OF

**Lard Pails and Meat Cans,**

PLAIN AND DECORATED.

*Tin Cans and Sheet Metal Work of  
all kinds.*

STEWART AVENUE,  
Bet. 39th and 40th Streets

CHICAGO, ILL.

Index to Ads. on Page 3.

**ILLINOIS**  
**CASING COMPANY,**

MANUFACTURERS OF

**LARD PAILS**  
AND  
**CANS**

Superior Goods, Correct Coloring and  
Artistic Designing.

STENCIL and LITHOGRAPH WORK A SPECIALTY.

Our Pails and Cans are the best in  
the market.

Write for Prices and Catalogue.

102 Michigan Street, CHICAGO.

**DICKMAN & MACKENZIE,***Analytical Chemists,*

1224-1228 Rookery Bldg., CHICAGO.

General Analysis of Fertilizers and  
Packing House Products.

Telephone, HARRISON 199. ASSAY OFFICE.

consumed in that section more largely this year than ever."

The above is substantially correct in every particular. The market is in a very uncertain condition, and the outlook is not good for ammoniates. The oil mills can hardly afford to pay the price demanded by the planters this season for seed in consequence of the depressed condition of the oil market, and therefore much of it will be used as fertilizer. Quotations are merely nominal.

**The New York Market.**

Blood, high grade, W., 16 per cent. per unit.....	1.67½ a 1.70
Blood, New York soft red, 12 to 14 per cent. per unit.....	1.60 a 1.65
Concentrated tankage, 14 to 15 per cent. per unit.....	1.87½ a 1.90
Concentrated tankage, 14 to 16 per cent. per unit, f. o. b. Chicago.....	1.27½ a 1.30
Asotone, del. New York.....	1.65 a 1.70
Hoof meal, per unit.....	1.65 a 1.67½
Tankage, crushed, 9 per cent. and 20 per cent. grade, per ton, Kansas City.....	11.00 a 11.50
Tankage crushed, 9 per cent. and 20 per cent. grade, per ton, Chicago.....	14.00 a 14.50
Tankage, crushed, 7 per cent. and 30 per cent. grade, per ton, del'd.....	17.00 a 17.50
Bone meal, per ton, ".....	22.00 a 22.50
Bones, rough, per ton, ".....	14.00 a 15.00
Fish scrap, dried, f. o. b. factory, per ton.....	17.50 a 18.00
Fish scrap, acidulated, f. o. b. factory, per ton.....	9.00 a 9.25
Cottonseed meal per ton.....	18.50 a 19.00
Garbage tankage, ammonia, 5½ per cent. phosphate, 8 per cent., per ton, del'd.....	10.50 a 11.00

Sulphate of ammonia, guaranteed 25 per cent., per 100 lbs.....	2.30 a 2.35
Nitrate of soda, per 100 lbs.....	1.77½ a 1.87½
Florida phosphate, per 2,240 lbs., per unit.....	8 a 8½
South Carolina phosphate, f. o. b. Charleston, per 2,240 lbs.....	3.00 a 3.50

**BALTIMORE MARKETS.**

Sales of 7 and 30 and 9 per cent. tankage are unusual, and have not since been duplicated; therefore, they do not make the market. A vague rumor exists as to a large sale at Kansas City, reported to be about 500 tons each blood and tankage. Price unknown. Wednesday's market for crushed tankage, 9½ and 20 grade, is about \$11.50, f. o. b. Kansas City; same grade in Chicago, about \$13; concentrated at Chicago, about \$1.20 to \$1.22½; ground blood about \$1.30 to \$1.32½, and for contract, including November, sellers name \$1.35; hoof meal quoted at Chicago at \$1.25, with no buyers; 8 and 20 tankage, about \$10, f. o. b. Chicago.

**THE GLUE MARKET.**

A Extra, white.....	22c
1 Extra ".....	18c
1 ".....	16c
1 X ".....	14c
1½ Hide, brown.....	13½c
1½ ".....	13c
1½ ".....	12c
1½ Bone.....	10c
1½ ".....	9c
1½ ".....	8c
2 ".....	7c

**CHEMICALS AND SOAP MAKERS' SUPPLIES.**

74 per cent. caustic soda, 2½ for 60 per cent.; 77 per cent. caustic soda, 2.25 for 60 per cent.; 60 per cent. caustic soda, 2.40 lb; 98 per cent. powdered caustic soda, 4c. lb; sal soda, 70c. per 100 lb; pearl ash, 5½c. lb; caustic potash, drums, 600 lb, 5½c.; small drums, 6½c.; borax, 6½c. lb; tale, 1½c. lb; Cochiti coconut oil, 5½, cts. lb.; Ceylon coconut oil, 5½c. lb; palm oil, 4½c. lb, casks; yellow olive oil, 55c. gallon; green olive oil, 50c. gallon; green olive oil foots, 4½c. lb; cottonseed oil, 25c. gallon; cottonseed soap stock, 1c. lb; rosin, \$2.70 per 280 lb.

**THE PACKERS' HAND BOOK.**

Is indispensable in every progressive packing house. See particulars, page 47. Order Blank for same, page 27.

RESERVED FOR

**Chas. Roesch & Sons,**  
SLAUGHTERERS,  
PACKERS and  
PROVISIONERS.

834, 836 & 838 North Second St.,

PHILADELPHIA, PA.

**C. J. GARDNER,**  
LITTLE MONITOR

**BEEF REFRIGERATOR**

AND WHOLESALE DEALER IN

Beeves, Sheep, Lambs, Calves,

TALLOW, HIDES, FERTILIZER &c

SLAUGHTER-HOUSE PRODUCTS.

INDIANAPOLIS, IND.

**SOL. SAYLES,**  
HOTEL and  
STEAMSHIP **SUPPLIES**

Sixth Avenue and Tenth Street,

Telephone, 18th St. 139. . . . NEW YORK

# **HENRY BOBSIN,** **English Sheep Casings**

MY SPECIALTY.

LONDON S. W., 13 Garfield Road.

CHICAGO, 52 N. Peoria St.



**NO PORK PACKER**

Can afford to be without

## **THE CHAMPION FAT CUTTING MACHINE**

Cuts 100 lbs. per minute uniformly. Reduces Cracking Cake 6 per cent.  
**HAS STOOD ALL TESTS.**

MADE ONLY BY

**JOHN B. ADT,**

332 to 342 N. Holliday Street,

BALTIMORE, MD.



# **CALLERINE**

THE IDEAL FOOD PRESERVATIVE.

For the Preservation of all kinds of Food Products, Milk, Cream and Butter. Fish, Flesh or Fowl, Fruits and Vegetables without the use of ice or any other preservative.

**CALLERINE**

WILL PRESERVE MEATS OF ALL KINDS.

**WE GUARANTEE**

CALLERINE to be entirely free from Salicylic, Boracic or Benzoic Acid, Coal Tar Products or any Salt or Compound of the same.

BRANCH OFFICES,  
THE BEAUMONT CO., 125 HUDSON STREET, NEW YORK.  
I. L. NEWMAN, 6 S. HOWARD STREET, BALTIMORE, MD.  
CALLERINE MFG. CO., 34 W. Chestnut St., Lancaster, Pa.

**THE CALLERINE MANUFACTURING COMPANY,**  
612 ARCH STREET, PHILADELPHIA.

**Certificate of Analysis.**

New York, July 1, 1896.

THE CALLERINE MANUFACTURING CO.,  
612 Arch Street, Philadelphia, Pa.

Dear Sirs:—We have analyzed and tested the preserving fluid called "CALLERINE," and have found it to be an excellent and effective preservative for food of all kinds and to be free from harmful ingredients, and we therefore gladly endorse the use of same.

Respectfully,

THE NATIONAL PROVISIONER ANALYTICAL LABORATORY.

H. E. Stürcke, Ph.D., Chief Chemist.



ALL BARRELS AND BOXES

OF THE

GENUINE PRESERVATIVE

BEAR THIS TRADE MARK.

ESTABLISHED 1877.



USE ONLY THE

GENUINE PRESERVATIVE.

BEWARE OF IMITATIONS WHICH ARE CLAIMED TO BE

"JUST AS GOOD."

TAKE  
NO  
OTHER!

PRESERVATIVE

IS THE

THERE IS  
NOTHING AS GOOD  
AS  
PRESERVATIVE!

ORIGINAL PRESERVATIVE,

THE ONLY

Healthful and Reliable Preserving Powder for Meats of All Kinds.

OUR BRANDS:

"A" for Pork and Liver Sausages, Chopped Meat, Fresh Meats, Game, Poultry, Sweetbreads, etc.

"B" for Bologna, Frankfurter and All Kinds of Smoked Sausages.

"C" for curing, corning and preserving Pork, Beef, Tongues, etc., and to prevent Flies and Skippers attacking Meats.

MADE ONLY BY

THE PRESERVATIVE M'FG CO.,

12 CEDAR STREET, NEW YORK.

183 ILLINOIS STREET, CHICAGO.

154 NEW MONTGOMERY ST., SAN FRANCISCO.



THE BEST AND SIMPLEST APPARATUS

— FOR —

DRYING SCRAP.

ADDRESS, FOR FURTHER DETAILS,

The Empire Laundry Machinery Co.

SODEN ST., CAMBRIDGEPORT, MASS.

Pointers and Directions for Using Our  
Extractors in Wholesale Packing  
and Slaughter Houses.

The word "scrap" means dry tankage, or refuse, and the process given is to prepare it for a fertilizer for the market.

1. What amount of raw material will the Extractor take at one time? Answer.—Three-quarter barrel of scrap, or tankage, which weighs from 250 to 300 lb per load.

2. What percentage of moisture remains after it has been acted upon? Answer.—About 12 per cent. of water.

3. What amount of grease is left in the stuff? Answer.—None, or less than 1 per cent., and if thoroughly washed with warm water, none whatever.

4. How long does it require? Answer.—Fifteen to twenty minutes.

5. What power to drive the Extractor? Answer.—From three to four horse-power to start it. When it is at its momentum it releases itself.

6. Will it dry the material; that is, the scrap or tankage? Answer.—No. But it will lessen the time of drying in Steam Cylinder Dryer. And as we have stated in question No. 3, if thoroughly washed, it can be done in less than twenty minutes. No Press is necessary when using the Extractor.

How is the grease saved? Answer.—Run the water and grease into a wooden tank below, and skim off the grease as it settles on top of the water.

8. How is the Extractor operated? Answer.—Fill it with scrap. Then turn on hot water from pipe above and stir until thoroughly mixed, then cover and start the machine, running fifteen minutes. If necessary stop the machine and add a second supply of hot water, until the operator is convinced that all the grease is thoroughly washed out of the scrap. Remove the scrap to the Cylinder Steam Dryer. Keep it in the same until it is thoroughly dried and the particles will not cling to each other.

The secret of perfect success in preparing scrap, or tankage, for fertilizing purposes is, thorough washing with very hot water in the Extractor.

9. Cost of Extractor? Answer.—\$350.00 F. O. B., Boston, Mass.





## SOMEBODY IS USING THEM!



NUMBER 1 BOOK.

THE FACE VALUE  
OF THE MONTHLY  
OUTPUT OF THE

### FORBES INDEXED COUPON BOOKS

... IS NEARLY \$1,000,000

**HAVE YOU TRIED THEM?** Our "Number 1" Book is better than any other made, but our "Number 2" excels it. Has index, cannot be tampered with, name on face of each coupon either from type or your

**ENGRAVED SIGNATURE.** Engraved signatures last a life time and cost is small. Books made in all ALL sizes and DELIVERED FREE. Pamphlet telling you all about them and sample books for the asking. Let us send them to you.

**J. P. FORBES,** FORBES BUILDING,  
COSHOCKTON, OHIO.

We make Books for Ice Dealers, Hotels, Grocers, Restaurants,  
Soda Water, Telephone Co's., etc.

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We make a Coupon Book that has given universal satisfaction, is always **CORRECT** in count, more durable than any other, **NEATEST** book on the market. Thousands of merchants are using our books, and would not use any other. We manufacture nothing else—give our whole attention to Coupons. Have you tried them? Send for a sample and catalogue at any rate, and investigate. Won't cost you anything.

For sale by Butchers' Supply Houses and Wholesale Grocers in all parts of the country, and by

**Allison Coupon Company, Indianapolis, Ind.**

## J. T. NICHOLSON & SON,

Architects and Builders.

ABATTOIRS, PACKING HOUSES,  
COLD STORAGE HOUSES.

Suite 143 and 144,  
185 DEARBORN STREET,  
CHICAGO, ILL.

CORRESPONDENCE SOLICITED.

### A few of the Houses Designed and Built by us:

Angle-American Provision Co., Chicago.  
" " " " Atchison, Kan.  
" " " " Kansas City, Kan.  
South St. Paul Packing Co. (2 houses), St. Paul, Minn.  
Sioux City Stock Yards Co. (2 houses).  
Omaha Stock Yard Co. (2 houses).  
Smith's House, Atchison, Kan.  
Union Stock Yards Co., St. Joseph, Miss.  
Tremont Stock Yards Co., Tremont, Neb.  
Claremont Abattoir Co., Baltimore.  
Indianapolis Abattoir Co., Indianapolis, Ind.  
Pittsburg & Allegheny Abattoir Co., Pittsburg, Pa.  
Redox Stock Yards Co., San Francisco, Cal. (2 houses).  
St. Louis Union Abattoir, St. Louis, Mo.  
Eckel & Wolf P'k'g and Prev. Co., Evansville, Ind.

### THE LEADING HOUSE.

## H. W. M. DOPP & SON,

MANUFACTURERS OF

## SOAP MAKERS' and BUTCHERS' MACHINERY,

462 ELLICOTT STREET, BUFFALO, N. Y. U. S. A.

ONLY HIGH GRADE GOODS AND ABSOLUTELY THE BEST.

Seamless Steam Jacketed Cast-Iron Kettles, with and without Agitators,  
Improved Lard Dryer, Mixer and Cooler,

Steam Jacketed Vacuum Pans, etc. Full Line of Soap Makers' Machinery.

DESCRIPTIVE CIRCULAR AND CATALOGUE ON APPLICATION.



STEAM JACKETED KETTLE.



## HAMBURG-AMERICAN LINE

**THE ONLY LINE** maintaining a regular service to the European Continent with **TWIN SCREW STEAMERS**. New York-Plymouth (London, Paris)-Hamburg Holding the record for fastest time on this route.

First Bism'k, July 23, 10 a.m. | Columbia, Aug. 27, 7 a.m.  
Normannia, Aug. 6, 10 a.m. | Normannia, Sept. 3, 10 a.m.  
Aug. Victoria, Aug. 13, 7 a.m. | Aug. Victoria, Sept. 10, 7 a.m.  
First Bism'k, Aug. 20, 10 a.m. | First Bism'k, Sept. 17, 10 a.m.

### REGULAR SERVICE between NEW YORK and HAMBURG direct.

By new Twin Screw mail steamers and other steamers

Persia, July 18, 11 a.m. | Prussia, Aug. 15, 10 a.m.  
Scandia, July 25, 8 a.m. | Phoenixia, Aug. 22, 4.30 p.m.  
Palatia, Aug. 1, 10 a.m. | Persia, Aug. 29, 10 a.m.  
Patris, Aug. 8, 4 p.m. | Dania, Sept. 6, 3 p.m.

### BALTIC LINE Direct Service between NEW YORK and STETTIN.

Georgia, July 29, 2 p.m. | Virginia, Aug. 12, 2 p.m.

Hamburg-American Line,

37 Broadway, New York. 125 La Salle St., Chicago.

## THEODORE FISHER

3324-3326 South Halsted Street,  
CHICAGO, ILL.

Brass and Copper Founder  
**COPPER BURNING BRANDS FOR  
PACKERS' USE A  
SPECIALTY.**

Send your pattern and I will send sample of work free of charge, with estimate.

Finest Material and Workmanship Guaranteed.

## W. Wilson Tickle, COMMISSION MERCHANT,

166 and 167 Palmerston Buildings, LONDON, E. C.

(Proprietor of THE AUSTRALIAN TRADING WORLD)

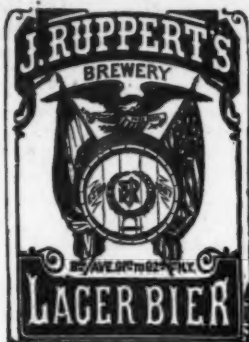
Will undertake any Commissions for the purchase of English goods.

Samples of Cutlery, etc. furnished by parcel post on receipt of remittance to cover cost.

Orders must be accompanied with cash or its equivalent.

## A Five Dollar Safe IN THE PRODUCE EXCHANGE VAULTS, NEW YORK CITY.

Will hold a large number of Deeds, Mortgages, Insurance Policies, Bonds, Stocks and other valuable papers. **INSPECTION INVITED.**



## BUTCHERS.

The following Mortgages on Butchers' Fixtures, Bills of Sale, etc., have been recorded during the past week up to Saturday, August 29th, 1896. They are a reprint of our Advance Sheet, sent out to houses on August 29th, who subscribe to same.

### NEW YORK CITY.

Degen, Selig, 133 Ridge St.; to M. Back (Bologna Fixtures)..... \$200  
 Gaynor, Michael, 22 Broome St.; to E. Diamond..... 125  
 Goldfarb & Rubin, 233 Stanton St.; to I. Posner..... 100  
 Klein, Jonas, 637 5th St.; to L. Frieder..... 100  
 Regan, M. J., 425 East 61st St.; to J. J. Baum..... 200  
 Rubin, Mayer, 233 Stanton St.; to I. Posner..... 100  
 Snizek, Anton, 659 1st Ave.; to F. Vopat..... 250

### Bill of Sale.

Blauvelt, Ellen L., 161 Varick and 846 East 138th St.; to G. Faber (Grocery and Butcher Fixtures)..... 50

### The Best and Only Reliable

**Acme** Cover Fastener for Pails and Boxes.

Used and endorsed by CONFECTIONERS and BAKERS EVERYWHERE. **Clasps**

**Acme Flexible Clasp Co.**

SOLE MANUFACTURERS,

Clark and 17th Streets, CHICAGO.

## "ECLIPSE"

## Silent Meat Cutting Machines

Are conceded by the Trade, both in this country and Europe, to be

**THE BEST MACHINES** EVER PUT ON THE MARKET.

MANUFACTURED AND SOLD BY

**DUNCAN MACKENZIE, Union Iron Works**

HAMILTON AVENUE, TRENTON, N. J.

Sold also by **WOLF, SAYER & HELLER,** Fulton and Peoria Streets, Chicago, Ill. and 120 Pearl Street, New York.

SEND FOR CATALOGUE.

ORGANIZED 1888.

**The New York Butchers' Calfskin Association,** OFFICE, 407 E. 47th STREET, NEW YORK CITY.

Sell your calfskins to us. We divide all profits to stockholders. No other dealers do this.

Our wagons call at your place for calfskins.

## GROCERS.

The following Mortgages on Grocers' Fixtures, Bills of Sale, etc., have been recorded during the past Week up to Saturday, August 29th, 1896. They are a reprint of our Advance Sheet, sent out to houses on August 29th, who subscribe to same.

### NEW YORK CITY.

Knief, H. & A., 2161 5th Ave.; to M. Borger..... 500  
 Lung, Rudolph, 227 Willis Ave.; to M. Griess..... 250

### Bills of Sale.

Altkopf, Samuel, 168-170 Broome St.; to M. Samuel..... 185  
 Browning & Volk, 1062 3d Ave.; to J. Smith (Butter Store Fixtures)..... 250  
 Conte, Francesco, 307 Monroe St.; to G. Prandera..... 10  
 Griess, Michael, 227 Willis Ave..... 500  
 Reinhardt, Emma, 534 West 35th St.; to C. Rogge..... 412  
 Snisnovitz, Ida, 140 Lewis St.; to B. Rubel..... 127

### KINGS COUNTY.

Cordes, H. & V. Freebatt, 1741 Broadway; to F. W. Mahland..... 2,200  
 Feinstein, K. & S., 426 Bushwick Ave.; to A. Feldenkretz..... 50

### Bills of Sale.

Arfmann, Lena, 1450 Fulton St.; to J. Pawlowsky..... 300



## THE UNION SAUSAGE STUFFER

MADE IN TWO SIZES.  
 54-lb. Size, . . . \$65  
 35-lb. Size, . . . 50

This Stuffer occupies less room than any other and is simple and rapid in operation.

Send for Descriptive Circular.

MANUFACTURED BY  
**The UNION Machine Works,**

413 Cherry Street, Philadelphia, Pa.  
 New York Agents:  
 S. OPPENHEIMER & CO., . . . 96 PEARL STREET.

## JACOB LEVY

PAYS THE HIGHEST PRICES FOR

**Fat, Suet, Calfskins, Hides, Plates & Bones,**

**799 First Ave., New York City.**

76 KENT STREET, Greenpoint, L. I. 16 NO. WEST ST., Mount Vernon.

Wagon calls to all parts of the city, Brooklyn, Westchester Co., and Yonkers.

## HERMAN BRAND,

Dealer in

**Fat, Calfskins, Suet and Bones,**

**413 East 51st St., New York.**

Wagons visit all parts of the city.

## CHARLES GROLL,

DEALER IN

**FAT AND CALFSKINS,**

Also Plate, Navel and Prime Beef,

**648 W. 40th St. (Bet. 10th & 11th Aves.) NEW YORK**

## H. SCHEIDEBERG,

(Established 1873)

Manufacturer of and Dealer in all kinds of

**SAUSAGE CASINGS** AND DIRECT IMPORTER OF English Sheep Casings.

Best Sausage Casings of Every Description.

**624 W. 48th St., NEW YORK.**

## WHAT'S THE MARKET

ON . . .

**HIDES**

**SKINS**

**PELTS**

**TALLOW**

**GREASE**

SEND for free copy of our paper. Market Reports each week from Chicago and all leading markets.

Pays to keep posted.

. . . .

Hide and Leather,

**154 LAKE STREET, CHICAGO.**

## A MONEY SAVER.

THE ONLY LEAN, MILD CURED  
**FAMILY HAM OR SHOULDER.**



Has Surplus Fat Removed. Can be put up with Bone or Boneless.

STATE RIGHTS FOR SALE.  
 AGENTS WANTED EVERYWHERE.

Patented Nov. 20th, 1890, by

**CONRAD MAISEL,**

**334 Fillmore Ave., BUFFALO, N.Y.**

## JOSEPH LISTER,

Manufacturer of

**GLUE,**

DEALER IN PORK AND BEEF CRACKLINGS.

**1158-1160 Elston Ave., CHICAGO.**



# WANTED.--FOR SALE.--BUSINESS OPPORTUNITIES.

## NOTICE.

Advertisements in this column to occupy one inch or less are inserted at the minimum rate of one dollar per insertion (one inch of eight lines or less). Fifteen cents per line for every additional line above eight lines. Subscribers sending in THEIR COUPONS WILL BE ALLOWED one free insertion against the same within the date limit.

## FREE TO EMPLOYEES.

In view of the general dullness in the packing and provision trades we will insert until further notice FREE OF CHARGE the want advertisements of employees of packing houses and others connected with the meat and provision trades who may be out of position at present. Those who desire to have answers addressed to our New York office will please enclose postage stamps for replies.

## HELP WANTED.

### SALESMAN WANTED.

Wanted—A man to travel and sell butchers' supplies. Apply to S. W., Box 11 care of THE NATIONAL PROVISIONER, New York.

### DESK ROOM IN CHICAGO.

Desk room in one of the principal buildings in the central part of the city of Chicago will be given free to party staying in office most of the day. Address "CITY," 617 Manhattan Building, Chicago.

## WANTED.

A casing traveling man to handle a side line on commission. Address "SIDE LINE," care THE NATIONAL PROVISIONER, New York.

### BEEF SALESMAN WANTED.

A first-class beef salesman can have a position in a large house providing he has good references. K 125, care THE NATIONAL PROVISIONER, 284 Pearl street, New York City.

### FOREMAN FOR SAUSAGE FACTORY.

WANTED—A good, sober German sausage maker as foreman. One who can make all kinds of sausages and puddings. Must have references. Only those who understand the business thoroughly need apply. "OHIO," Box 32, care THE NATIONAL PROVISIONER, New York.

## Horse Casings Wanted

SEND OFFERS TO  
**KACHELMACHER & BÖHMER,**  
174 Chambers St., New York.

### CELLAR MAN WANTED.

WANTED—An experienced and capable man to take charge of pickle-curing cellar in large pork packing house. Address "CALL," box 23, THE NATIONAL PROVISIONER, New York.

## WANTED

**100,000**

PACKERS, BUTCHERS, SLAUGHTERERS, PROVISIONERS, LARD REFINERS, COTTON OIL MILLS, SOAP MAKERS, FERTILIZER MANUFACTURERS, GLUE MAKERS, TALLOW RENDERERS, HIDE AND SKIN DEALERS, Etc., Etc.,

To Subscribe for

## THE NATIONAL PROVISIONER,

The only paper in existence covering these trades.

**SUBSCRIPTION \$4.00 A YEAR.**

## FOR SALE.

### MEAT MARKET FOR SALE.

A meat market, established ten years, doing a good trade and in good location; also horse and wagon. For further particulars, apply to Mr. G. A. HOWE, with Gansevoort Beef Co., 22 Tenth avenue, New York.

### FOR SALE.

A few copies of "Swine Husbandry" (by Coburn), at 75c. each. This is a good opportunity for any one who desires to possess a book which treats fully on breeding, feeding and cultivation. The price named is a reduced figure. THE NATIONAL PROVISIONER PUB. CO., 284 Pearl street, New York.

### FOR RENT.

Store in good locality, on east side; long established; good paying meat market. For particulars apply to G. H., No. 111, THE NATIONAL PROVISIONER, 284 Pearl street, New York.

## FOR SALE.

## A COMPRESSOR ICE MACHINE

75-Ton Refrigerating and 50-Ton Ice Making Capacity. Address,

## ARMOUR & CO.

205 La Salle St., CHICAGO.

## FOR SALE.

Two Johnson filter presses, 27 in. diameter, 36 plates; and one Johnson filter press, 27 in. diameter, 24 plates. In splendid condition. Address Room 213, Produce Exchange, New York.

## POSITIONS WANTED.

POSITION WANTED BY A THOROUGHLY experienced and widely acquainted packing house machinery and supplies salesman. Address D. M. BELL, care THE NATIONAL PROVISIONER, 617 Manhattan Building, Chicago.

WANTED—A position as beef or sheep salesman; have had three years' experience selling beef and sheep in New York. J. S., care of "The National Provisioner," New York.

### POSITION WANTED.

A first-class German sausage maker as foreman; can make all kinds of sausages, and understands the business thoroughly; can furnish the best of references. Address "SAUSAGE MAKER," 617 Manhattan Building, Dearborn street, Chicago.

### TANK CARS WANTED.

WANTED—To rent five or six tank cars suitable for cottonseed oil. Address Post Office Box 23, Houston, Tex.

### LIVE STOCK SOLD ON COMMISSION, by

**EDWD. HEYMANS, PARIS,** France, 19 Rue Branger.  
(Est'd 1872.) Telegr., Heymansius (A B C Code.)

**The Method of Canning Meats in  
Full and Particular, . . .**

**\$50.00**

**The Manufacture of Beef Extracts,**

**50.00**

ADDRESS, IN FIRST PLACE,

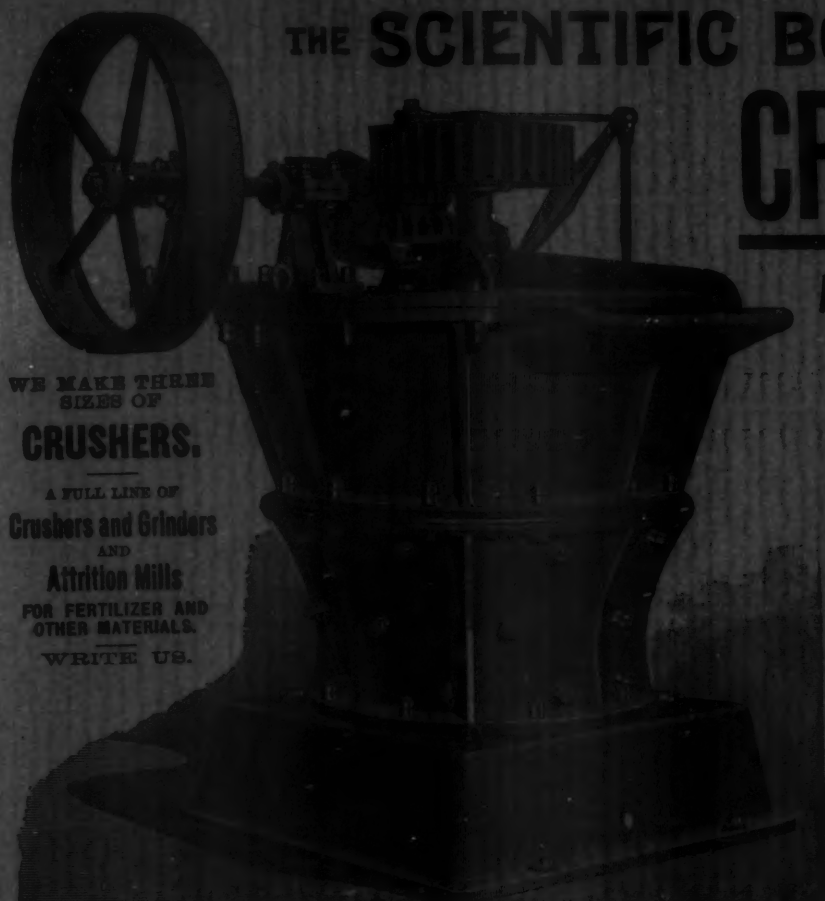
**"EXPERT," 617 Manhattan Building,**

**CHICAGO.**









WE MAKE THREE  
SIZES OF  
**CRUSHERS.**

A FULL LINE OF  
Crushers and Grinders  
AND  
Attrition Mills  
FOR FERTILIZER AND  
OTHER MATERIALS.  
WRITE US.

# THE SCIENTIFIC BONE AND SKULL CRUSHER

**A Very Strong and Powerful Machine.**

*Will crush all sizes and conditions of bones, including skulls, whether they are raw, dried or steamed, doing the work rapidly and well, from 3 to 5 tons per hour.*

The Largest Concerns in the country are  
using our Crushers and Grinders.

SEND FOR TESTIMONIAL LETTERS,  
CATALOGUES, PRICES, ETC.

**THE FOOS MFG. CO.,**  
**SPRINGFIELD, OHIO.**

## Smith's Celebrated Buffalo Chopper with Self-Mixer.

KNOWN THE WORLD OVER.

If you want the Best Sausage Cutter, try a BUFFALO.  
Don't let any one talk it out of you.

Any practical Sausage Maker, who wants to make GOOD SAUSAGES, will tell you the BUFFALO CHOPPER with MIXER is the best in the world. It chops and mixes at one time, saving time and labor. Does not mash the meat but chops it evenly, saving the juice and making better sausages. With Mixer on it works in more water. Saves buying a separate mixer, saving room and extra power, doing the work of two machines. References furnished from users in most any city in the United States; also Germany, France, England, Ireland, Australia, South America, Canada and Mexico. Write for full particulars and lowest prices.



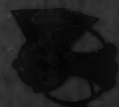
Any Machine  
Sent on Trial.



SOMETHING NEW.  
Grind Stone for Grinding  
Machine Knives.



NEW SPICE MILL.  
BEST MILL MADE.



**JOHN E. SMITH & SONS,** PATENTEES AND MANUFACTURERS.

Office 55 Broadway, Buffalo, N. Y.



PREPARED EXPRESSLY FOR PACKERS' USE.

THE Pacific Coast Borax Company's

STANDARD BRAND OF

**GRANULATED BORACIC ACID**

AND REFINED POWDERED BORAX.

NECESSARY IN EVERY PACKING HOUSE.

PACIFIC COAST  
BORAX COMPANY

253 Kinzie Street,  
CHICAGO.



## Enterprise New Power Chopper.

Knives and  
Plates Last  
Twice as Long  
without  
Sharpening.

Send for Catalogue  
Giving Full  
Description.



There Being  
No Gears  
It Is  
Absolutely  
Noiseless.

Your Dealer  
Can Supply  
You.

No. 66, Price, \$225.00.

The ENTERPRISE MANUFACTURING CO. of PA., Philadelphia, Pa.

